

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000


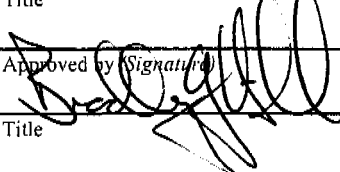
001 APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-01198-B	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name	
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.			7. If Unit or CA Agreement, Name and No. NATURAL BUTTES UNIT	
3A. Address 1368 SOUTH 1200 EAST, VERNAL, UT 84078			8. Lease Name and Well No. NBU 1022-23M	
3b. Phone No. (include area code) (435) 781-7060			9. API Well No. 43-047-36704	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SESE 151' FSL 227' FWL 635449X 39.927550 At proposed prod. Zone 4420709Y -109.414948			10. Field and Pool, or Exploratory NATURAL BUTTES	
14. Distance in miles and direction from nearest town or post office* 26 MILES SOUTHEAST OF OURAY, UTAH			11. Sec., T., R., M., or Blk, and Survey or Area SEC 23-T10S-R22E	
13. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 151'			12. County or Parish UINTAH	
16. No. of Acres in lease 2040			13. State UT	
17. Spacing Unit dedicated to this well 40				
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C			20. BLM/BIA Bond No. on file CO-1203	
19. Proposed Depth 8335'				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5416.9' GL			22. Approximate date work will start* UPON APPROVAL	
			23. Estimated duration TO BE DETERMINED	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) DEBRA DOMENICI	Date 5/11/2005
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 05-26-05
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

MAY 13 2005

DIV. OF OIL, GAS & MINING

T10S, R22E, S.L.B.&M.

WESTPORT OIL AND GAS COMPANY, L.P.

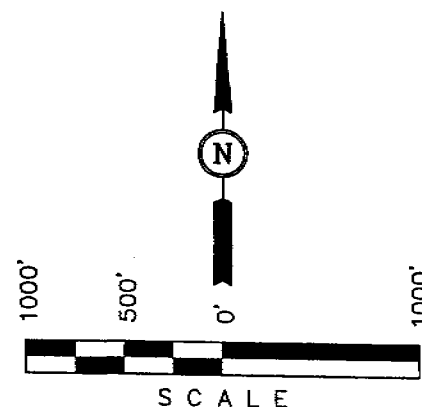
Well location, NBU #1022-23M, located as shown in the NE 1/4 NW 1/4 of Section 23, T10S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



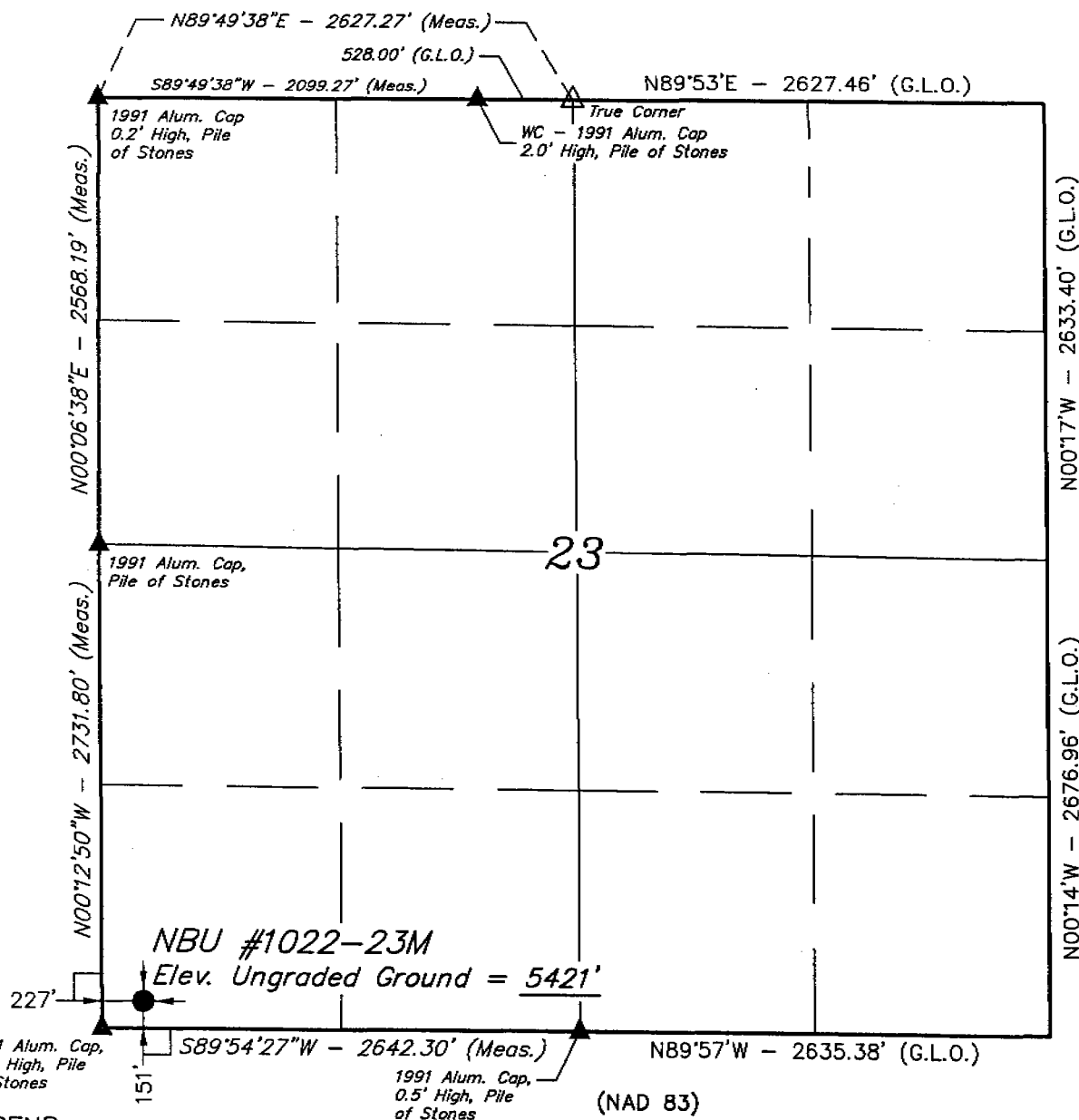
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert H. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 2-17-05	DATE DRAWN: 3-2-05
PARTY D.K. T.B. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	WESTPORT OIL AND GAS COMPANY, L.P.



LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD

▲ = SECTION CORNERS LOCATED

△ = SECTION CORNERS RE-ESTABLISHED (Not Set On Ground)

(NAD 83)

LATITUDE = 39°55'38.98" (39.927494)

LONGITUDE = 109°24'56.58" (109.415717)

(NAD 27)

LATITUDE = 39°55'39.10" (39.927528)

LONGITUDE = 109°24'54.13" (109.415036)

NBU 1022-23M 1
SWSW SEC 23-T10S-R2BE
UINTAH COUNTY, UTAH
UTU-01198-B

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1054'
Wasatch	4031'
Mesaverde	6344'
TD	8335'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1054'
Gas	Wasatch	4031'
Gas	Mesaverde	6344'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please refer to the attached Drilling Program.

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Drilling Program.

5. **Drilling Fluids Program:**

Please refer to the attached Drilling Program.

6. **Evaluation Program:**

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 8335' TD, approximately equals 3334 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1500.3 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please refer to the attached Drilling Program.

10. **Other Information:**

Please refer to the attached Drilling Program.



Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'				2270	1370	254000
SURFACE	9-5/8"	0 to 1800	32.30	H-40	STC	0.84	1.63	4.99
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8335	11.60	I-80	LTC	2.86	1.40	2.38

- 1) Max Anticipated Surf. Press. (MASP) (Surface Casing) = (Pore Pressure at next csg point - (0.22 psi/ft - partial evac gradient x TVD of next csg point))
 2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft - partial evac gradient x TD)
 (Burst Assumptions: TD = 10.5 ppg) .22 psi/ft = gradient for partially evac wellbore
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing * Buoy. Fact. of water)
 MASP 2717 psi

***** Burst SF is low but csg is much stronger than formation at 2000' EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	50		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	1500	NOTE: If well will circulate water to surface, option 2 will be utilized Prem cmt + 16% Gel + 10 pps gilsonite +.25 pps Flocele + 3% salt BWOC	170	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	3,525'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	390	60%	11.00	3.38
	TAIL	4,810'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1350	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

DRILLING ENGINEER: _____

Brad Laney

DATE: _____

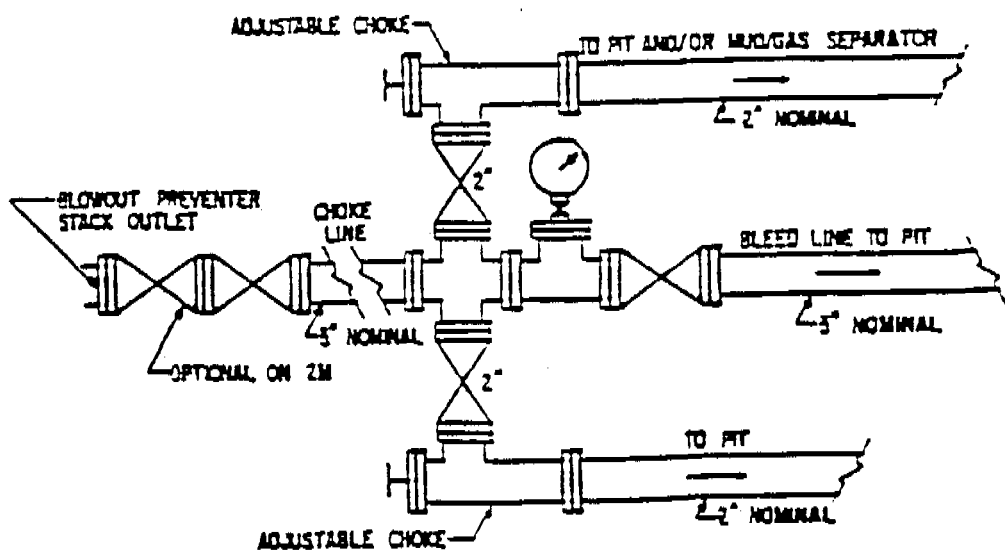
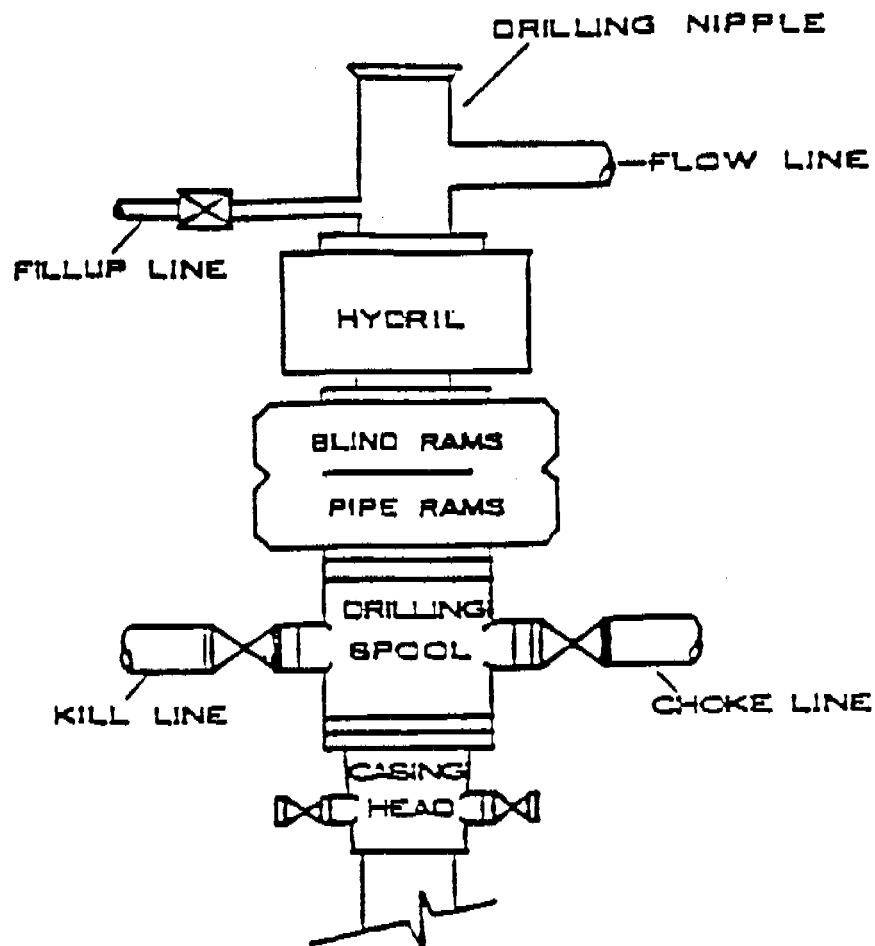
DRILLING SUPERINTENDENT: _____

Randy Bayne

DATE: _____

3,000 PSI

BOP STACK



NBU 1022-23M
SWSW SEC 23-T10S-R22E
UINTAH COUNTY, UTAH
UTU-01198-B

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

The proposed access road is approximately 0.7 miles +/- . Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A double layer plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 16 mil thick and double layer felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

United States of America
Bureau of Land Management
170 South 500 East
Vernal, UT 84078
(435) 789-1362

12. Other Information:

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

The location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

Seed Mixture:

Indian Ricegrass	3 lb/acre
Needle & Thread Grass	3 lb/acre
Scarlet Globe Mallow	3 lb/acre
Shadscale	3 lb/acre

13. Lessee's or Operators's Representative & Certification:

Debra Domenici
Associate Environmental Analyst
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435) 781-7060

Randy Bayne
Drilling Manager
Westport O&G Co.
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil & Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/Sheila Upchego
Sheila Upchego

May 26, 2005
Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-23M

SECTION 23, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-23M
LOCATED IN UINTAH COUNTY, UTAH
SECTION 23, T10S, R22E, S.L.B.&M.

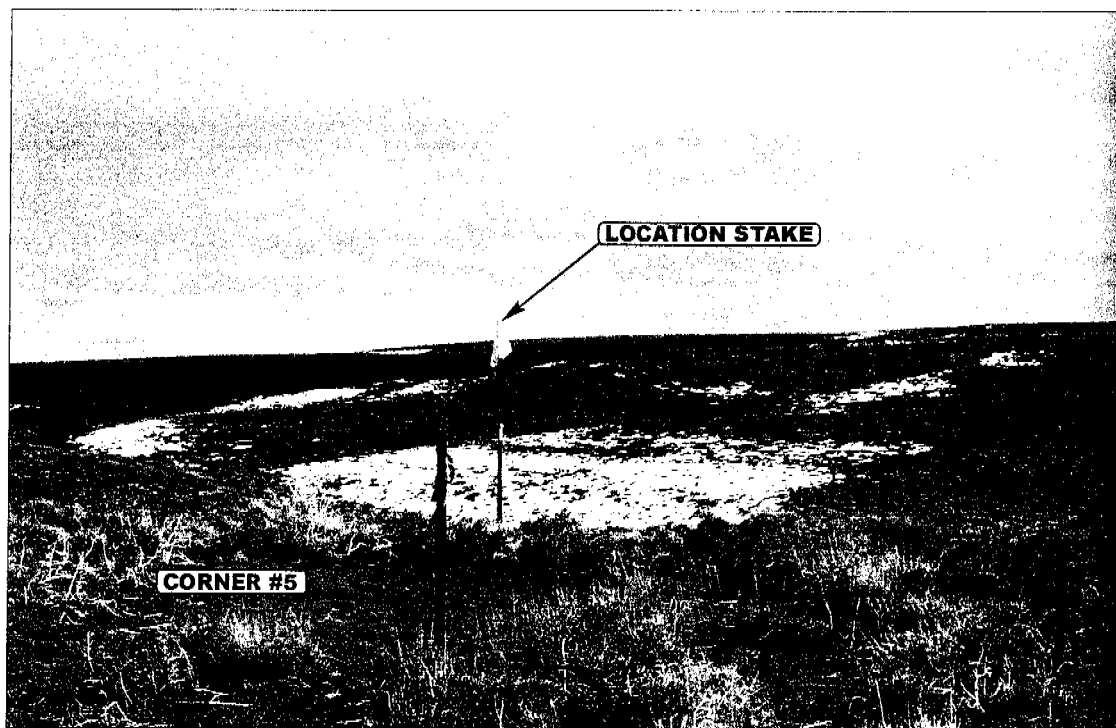


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

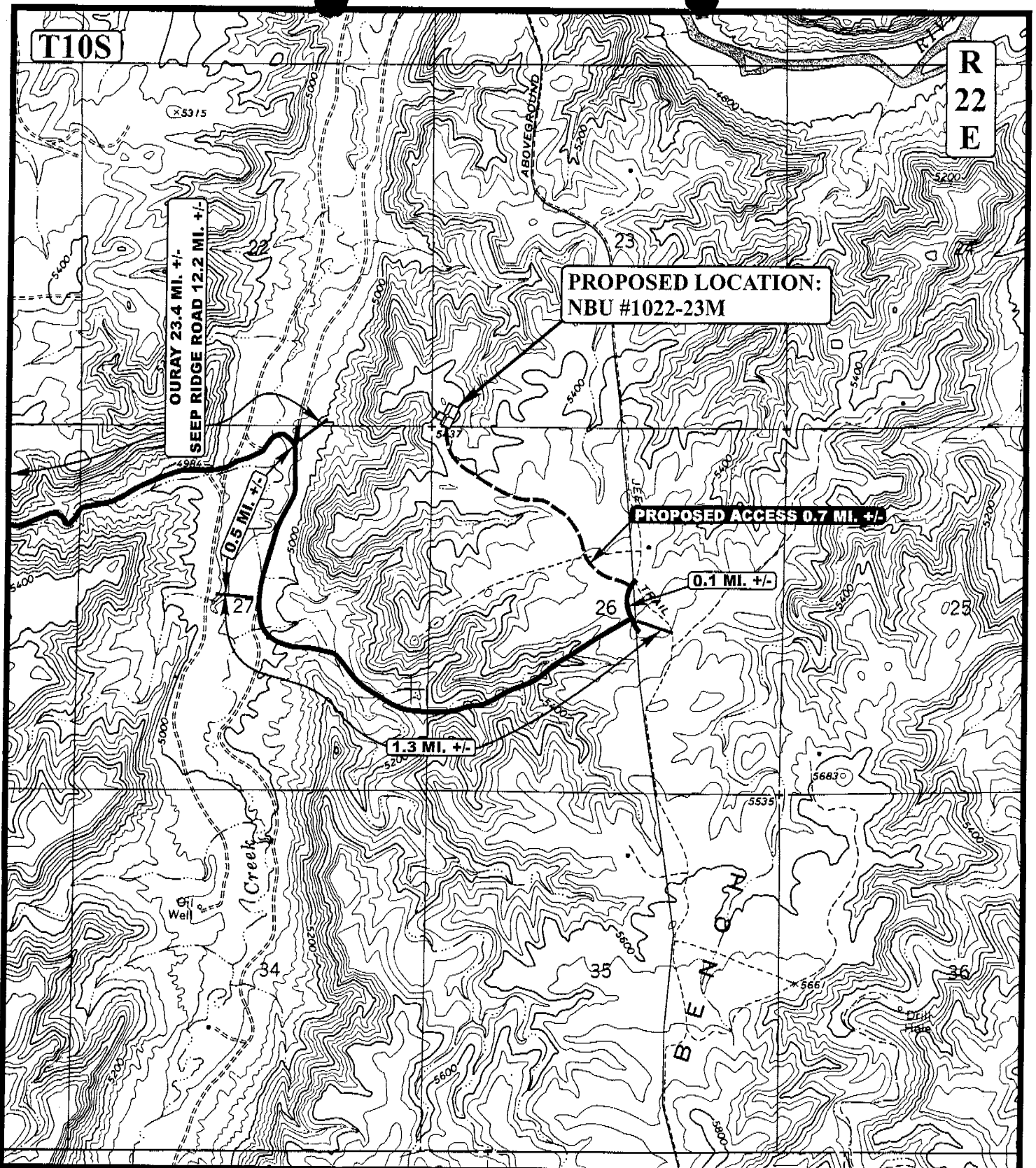
02 24 05
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: C.P.

REVISED: 00-00-00



LEGEND:

— EXISTING ROAD
 - - - PROPOSED ACCESS ROAD



WESTPORT OIL & GAS COMPANY, L.P.

NBU #1022-23M
 SECTION 23, T10S, R22E, S.L.B.&M.
 151' FSL 227' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

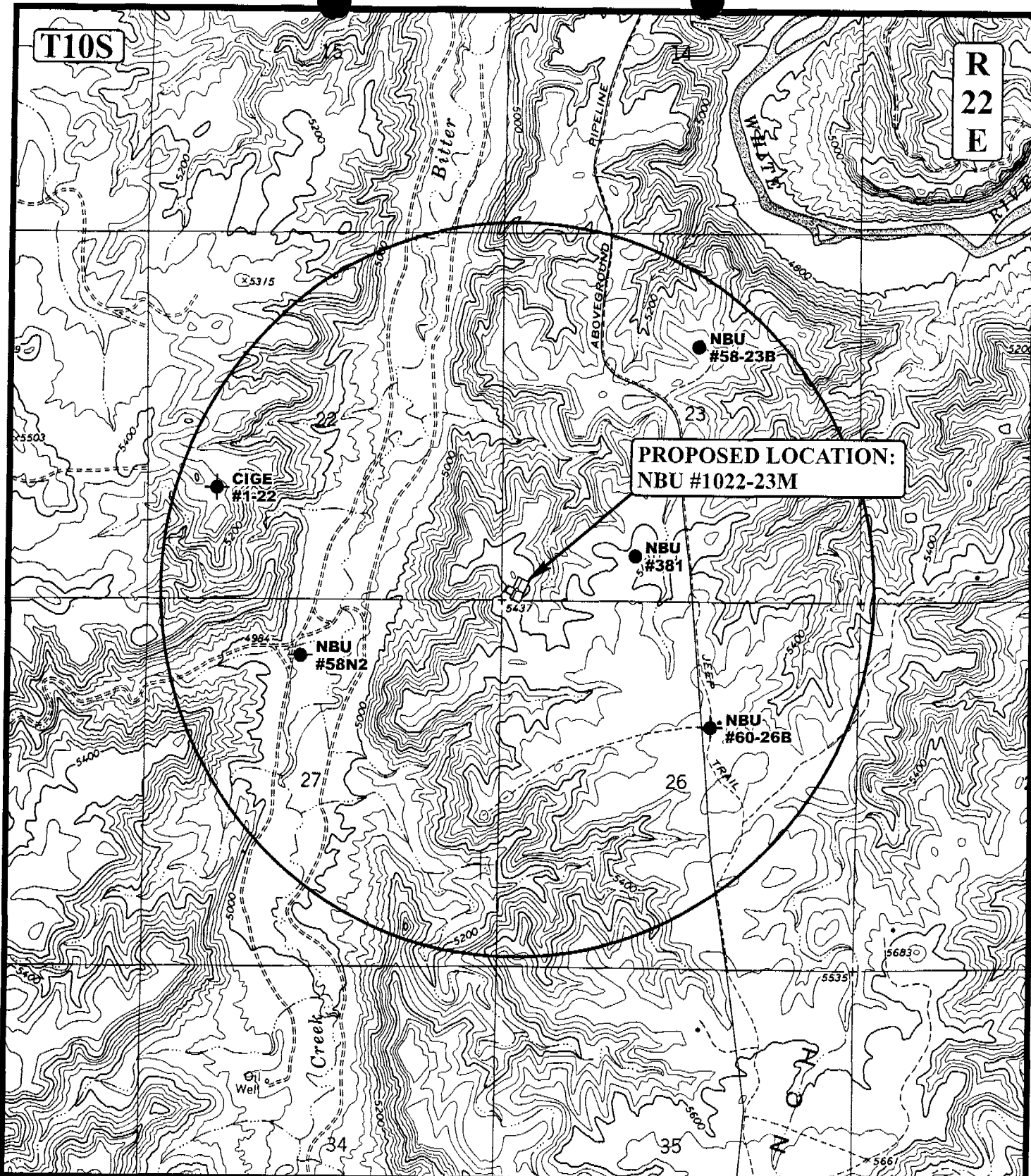
TOPOGRAPHIC
 MAP

02 24 05
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B
 TOPO

T10S

R
22
E**LEGEND:**

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |

**WESTPORT OIL & GAS COMPANY, L.P.**

NBU #1022-23M

SECTION 23, T10S, R22E, S.L.B.&M.

151' FSL 227' FWL



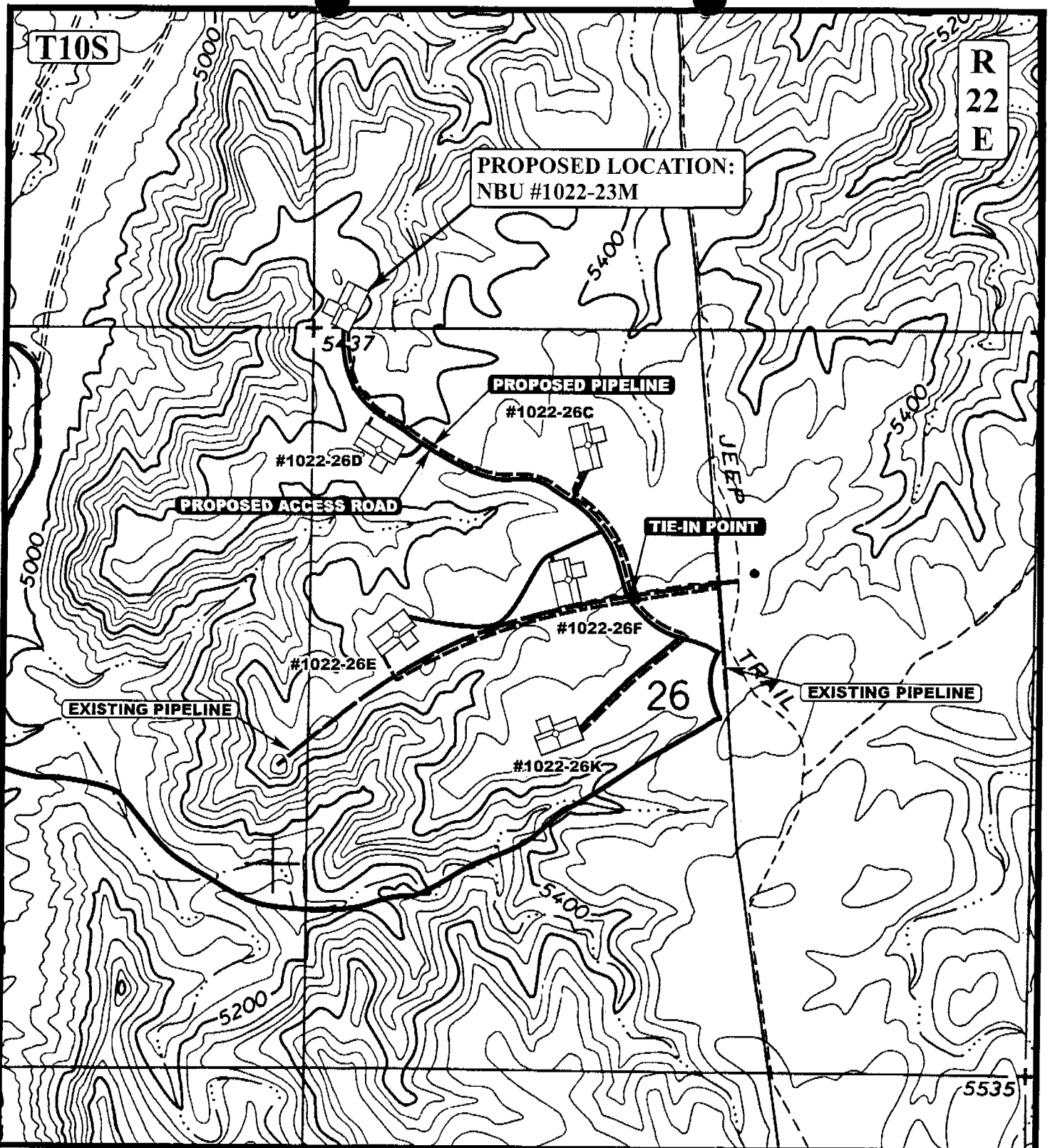
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

02 24 05
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 3,080' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



WESTPORT OIL & GAS COMPANY, L.P.

NBU #1022-23M

SECTION 23, T10S, R22E, S.L.B.&M.

151' FSL 227' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

02 24 05
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.P.

REVISED: 00-00-00

D
TOPO

WESTPORT OIL AND GAS COMPANY, L.P.

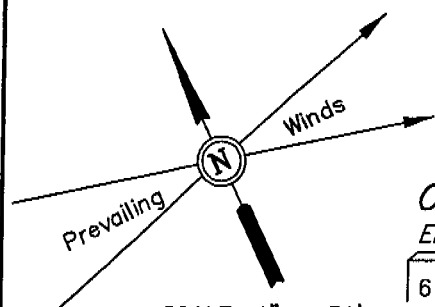
FIGURE #1

LOCATION LAYOUT FOR

NBU #1022-23M

SECTION 23, T10S, R22E, S.L.B.&M.

151' FSL 227' FWL



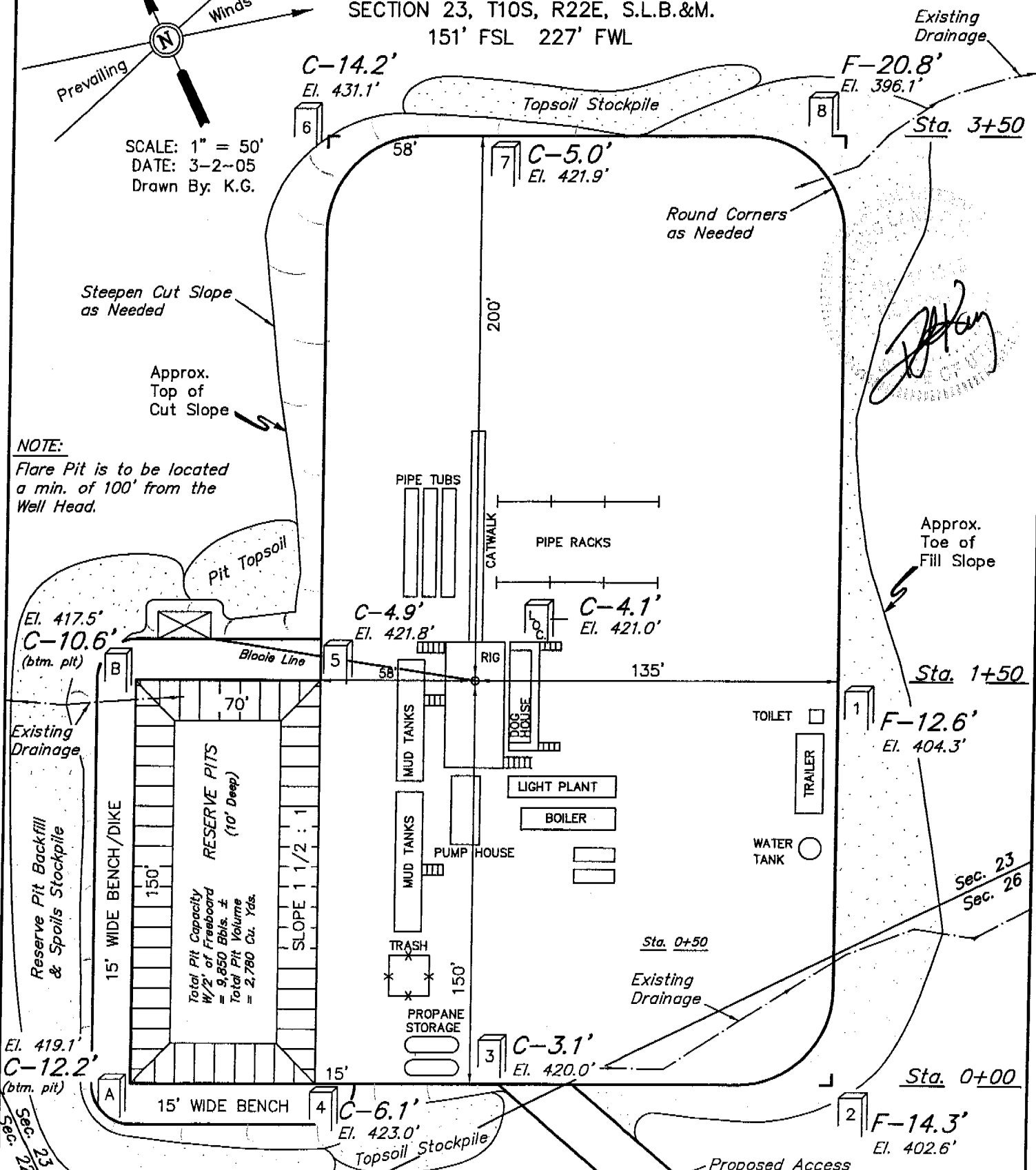
SCALE: 1" = 50'
DATE: 3-2-05
Drawn By: K.G.

Steepen Cut Slope
as Needed

Approx.
Top of
Cut Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5421.0'
FINISHED GRADE ELEV. AT LOC. STAKE = 5416.9'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WESTPORT OIL AND GAS COMPANY, L.P.

FIGURE #2

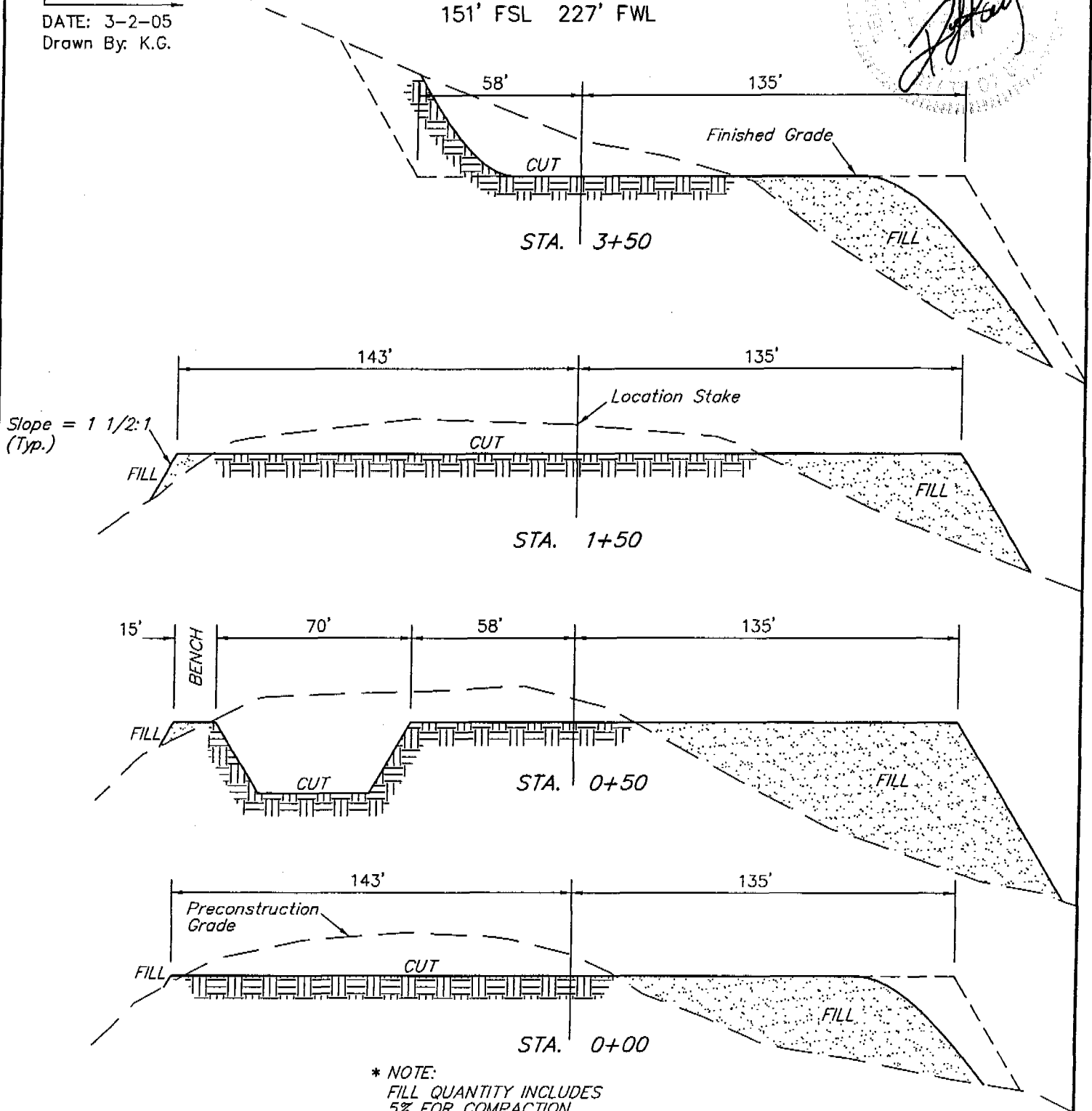
TYPICAL CROSS SECTIONS FOR

NBU #1022-23M

SECTION 23, T10S, R22E, S.L.B.&M.

151' FSL 227' FWL

1" = 20'
X-Section
Scale
1" = 50'
DATE: 3-2-05
Drawn By: K.G.



* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,950 Cu. Yds.
Remaining Location = 13,180 Cu. Yds.

TOTAL CUT = 15,130 CU.YDS.
FILL = 11,790 CU.YDS.

EXCESS MATERIAL = 3,340 Cu. Yds.
Topsoil & Pit Backfill = 3,340 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

004

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/13/2005

API NO. ASSIGNED: 43-047-36704

WELL NAME: NBU 1022-23M

OPERATOR: WESTPORT OIL & GAS CO (N2115)

CONTACT: DEBRA DOMENICI

PHONE NUMBER: 435-781-7060

PROPOSED LOCATION:

SWSW 23 100S 220E

SURFACE: 0151 FSL 0227 FWL

BOTTOM: 0151 FSL 0227 FWL

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01198-B

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.92755

LONGITUDE: -109.4150

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. CO-1203)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-8496)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)

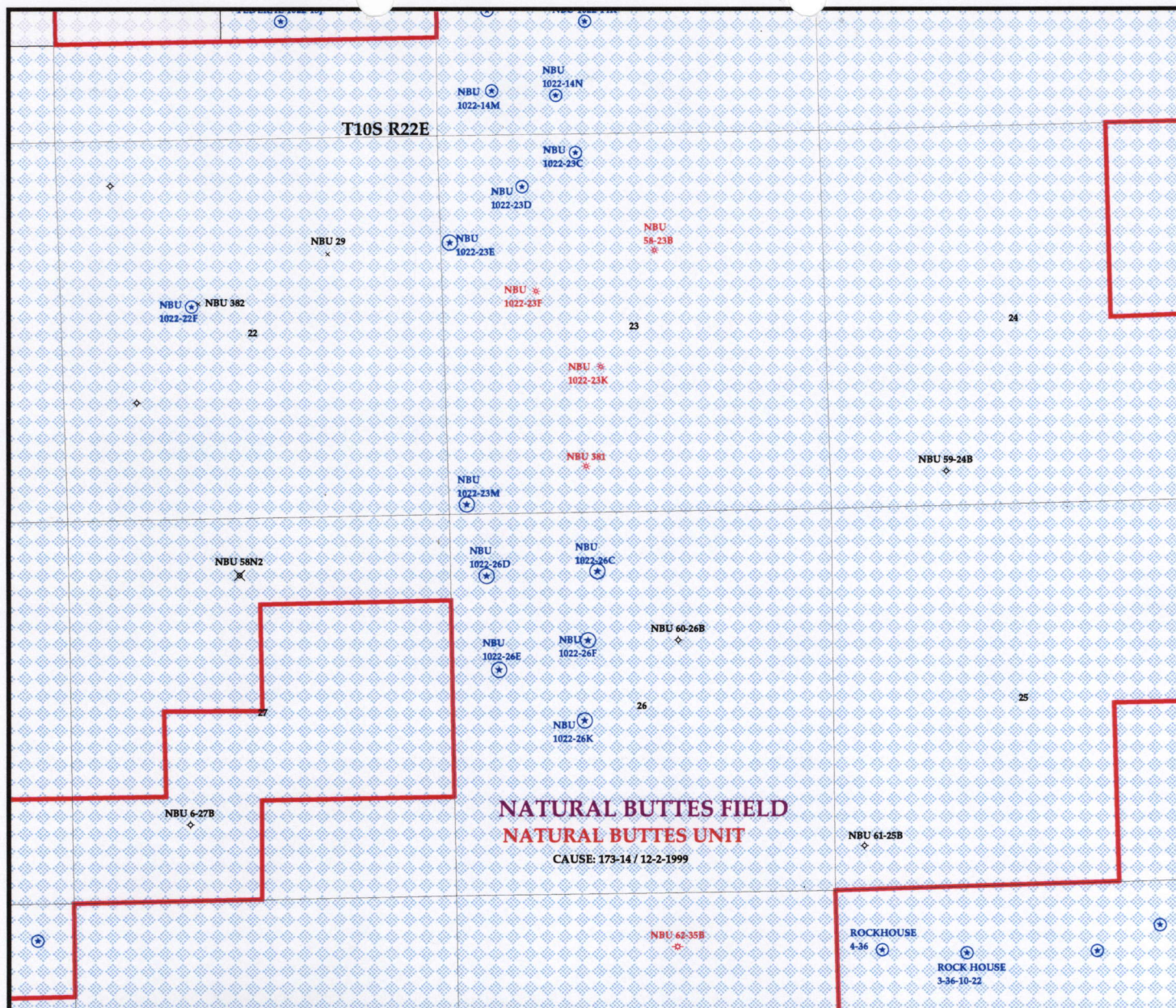
LOCATION AND SITING:

___ R649-2-3.
Unit NATURAL BUTTES
___ R649-3-2. General
Siting: 460' From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-2-1999
Siting: 460' Fr u barg & uncomm. Tracs
___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal Approved
2- OIL SHALE



OPERATOR: WESTPORT O&G CO (N2115)

SEC: 23 & 26 T. 10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Wells

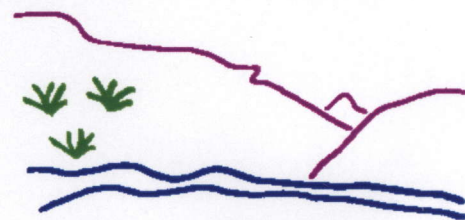
- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✕ LOCATION ABANDONED
- ⊙ NEW LOCATION
- ✧ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✕ TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ♠ WATER DISPOSAL

Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
 DATE: 16-MAY-2005

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

May 17, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ MesaVerde)

43-047-36704	NBU 1022-23M Sec 23 T10S R22E 0151 FSL 0227 FWL	
43-047-36705	NBU 1022-23E Sec 23 T10S R22E 1479 FNL 0068 FWL	
43-047-36706	NBU 1022-26K Sec 26 T10S R22E 2409 FSL 1811 FWL	
43-047-36707	NBU 1022-26F Sec 26 T10S R22E 1773 FNL 1877 FWL	
43-047-36708	NBU 1022-26E Sec 26 T10S R22E 2166 FNL 0634 FWL	
43-047-36709	NBU 1022-26D Sec 26 T10S R22E 0852 FNL 0483 FWL	
43-047-36710	NBU 1022-26C Sec 26 T10S R22E 0807 FNL 2019 FWL	
43-047-36700	NBU 921-25D Sec 25 T09S R21E 0845 FNL 0851 FWL	
43-047-36698	NBU 921-13P Sec 13 T09S R21E 0565 FSL 0540 FEL	
43-047-36699	NBU 921-13J Sec 13 T09S R21E 1941 FSL 2177 FEL	
43-047-36703	NBU 1021-21A Sec 21 T10S R21E 0841 FNL 0762 FEL	
43-047-36702	NBU 1021-21H Sec 21 T10S R21E 1993 FNL 0599 FEL	
43-047-36701	CW 1-18 GR Sec 18 T10S R21E 1684 FSL 0755 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

**State of Utah****Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

May 26, 2005

Westport Oil & Gas Company, LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 1022-23M Well, 151' FSL, 227' FWL, SW SW, Sec. 23,
T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36704.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Acting Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Westport Oil & Gas Company, LP

Well Name & Number Natural Buttes Unit 1022-23M

API Number: 43-047-36704

Lease: UTU-01198-B

Location: SW SW **Sec.** 23 **T.** 10 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

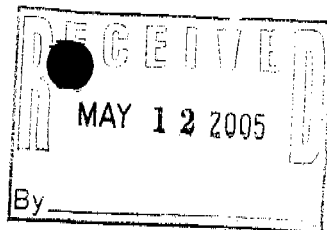
- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-01198-B
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NATURAL BUTTES UNIT
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		7. If Unit or CA Agreement, Name and No. NBU 1022-23M
3a. Address 1368 SOUTH 1200 EAST, VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7060	8. Lease Name and Well No. NBU 1022-23M
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWSW 151' FSL 227' FWL At proposed prod. Zone		9. API Well No. 4304736704
14. Distance in miles and direction from nearest town or post office* 26 MILES SOUTHEAST OF OURAY, UTAH		10. Field and Pool, or Exploratory NATURAL BUTTES
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 151'	16. No. of Acres in lease 2040	11. Sec., T., R., M., or Blk, and Survey or Area SEC 23-T10S-R22E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C	19. Proposed Depth 8335'	12. County or Parish UINTAH
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5416.9' GL	22. Approximate date work will start* UPON APPROVAL	13. State UT
20. BLM/BIA Bond No. on file CO-1203		23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized office.

25. Signature <i>Debra Domenici</i>	Name (Printed/Typed) DEBRA DOMENICI	Date 5/11/2005
Title ASSOCIATE ENVIRONMENTAL ANALYST		
Approved by (Signature) <i>Thomas R. Clary</i>	Name (Printed/Typed)	Date 11/12/2005
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOV 22 2005

DIV. OF OIL, GAS & MINING

4006M

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Operator/Company: Westport Oil & Gas Company LP
Well Name/Number: NBU 1022 - 23M
API Number: 43-047-36704
Location: SWSW Sec.23 T10S, R22E
Lease Number: UTU-01198B
Agreement Name (If Applicable): Unit Natural Buttes

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Michael Lee (435) 828-7875
Petroleum Engineer

Matt Baker (435) 828-4470
Petroleum Engineer

BLM FAX Machine (435) 781-4410

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- The seed mix for this location shall be:

Globemallow	<i>Sphaeralcea coccinea</i>	3 lbs./acre
Needle and Threadgrass	<i>Hesperostipa comata</i>	3 lbs./acre
Indian Ricegrass	<i>Achnatherum hymenoides</i>	3 lbs./acre
Shadscale	<i>Atriplex canescens</i>	3 lbs./acre

 - All pounds are in pure live seed.
 - Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0133
Expires November 30, 2000

APR 17 2006

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LP

3a. Address 3b. Phone No. (include area code)
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 (435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
151' FSL 227' FWL
SWSW, SEC 23-T10S-R22E

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1022-23M

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS & MINING ON MAY 26, 2004

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Signature

Date

April 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

MAY - 2 2006

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UDOGM

MAY 08 2006

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.

Unit:

NATURAL BUTTES UNIT

WELL NAME

SEC TWN RNG

API NO

**ENTITY
NO**

**LEASE
TYPE**

**WELL
TYPE**

**WELL
STATUS**

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: _____
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MIN. RES.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23M

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSW SECTION 23, T10S, R22E 151'FSL, 227'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other DIRECTIONAL
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DRILL
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR PROPOSES TO CHANGE THE ORIGINAL APPROVED DRILLING PLAN TO DIRECTIONAL DRILL THE NBU 1022-23ML, OFF THE EXISTING WELL PAD
THE OPERATOR WILL BUILD, HOLD AND PRODUCE FROM THE WASATCH AND MESAVERDE FORMATION.
THE BOTTOM HOLE LOCATION OF THE WELL WILL BE AS FOLLOWS: NWSWSE SECTION 23, T10S, R22E
FOOTAGES ARE AS FOLLOWS: 1512'FSL, 1012'FWL

PLEASE REFER TO THE ATTACHED DIRECTIONAL DRILL SURVEY.

635679X
4421126Y
39.931273
- 109.412166

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

May 16, 2006

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date:

By: **RS-24-96**

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

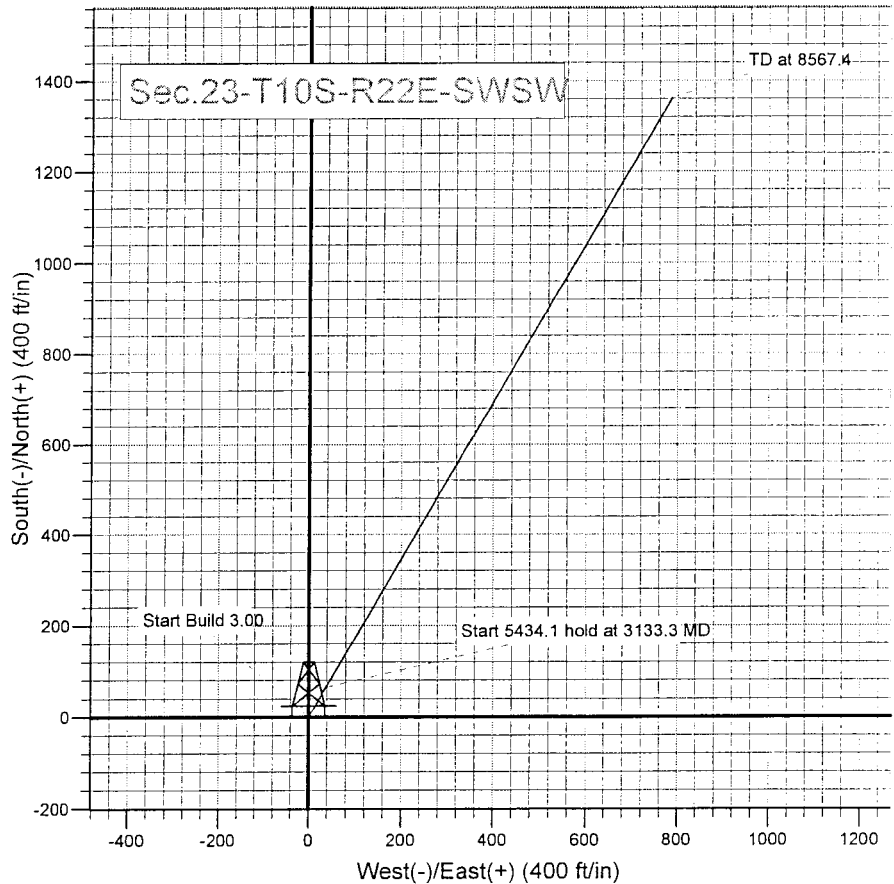
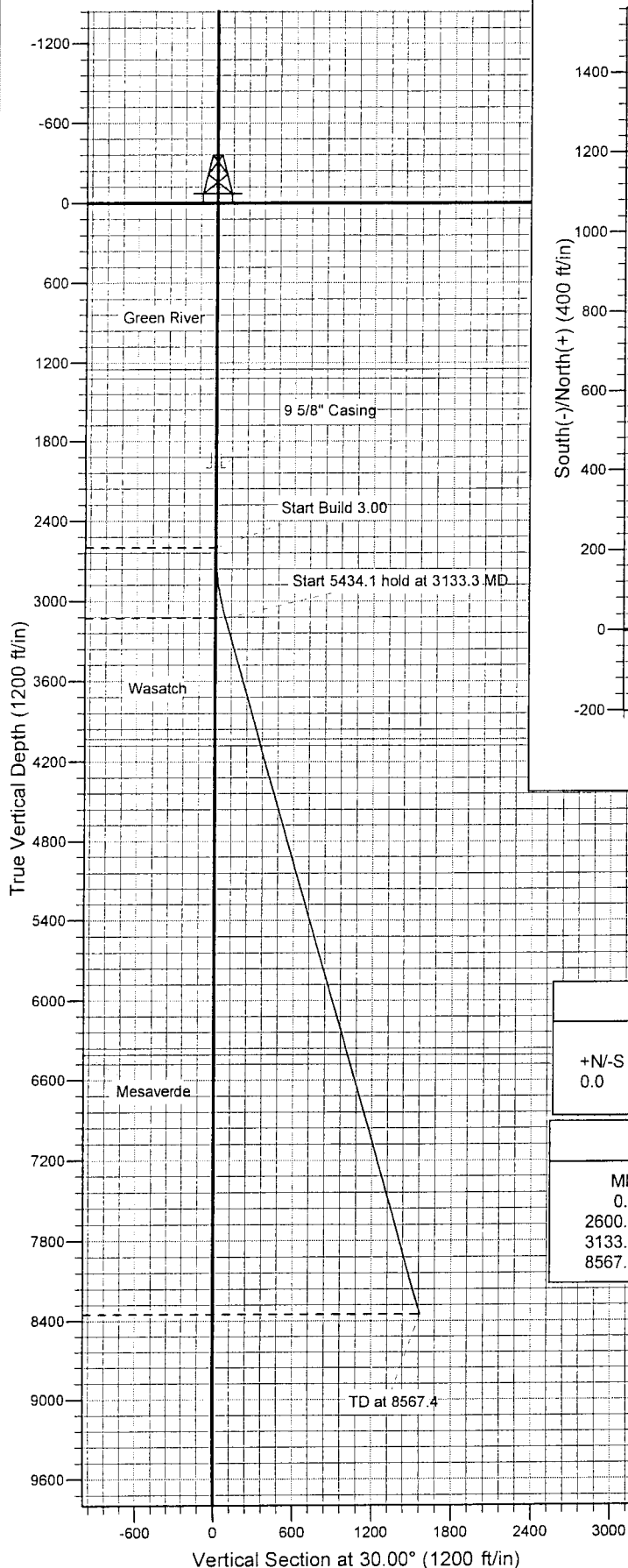
(Instructions on reverse)

RECEIVED
MAY 19 2006

DIV. OF OIL, GAS & MINING

Company: Kerr McGee Oil & Gas
 Project: Uintah Co., UT
 Site: Sec.23-T10S-R22E-SWSW
 Well: NBU 1022-23M
 Wellbore: Wellbore #1
 Plan: Plan #1 (NBU 1022-23M/Wellbore #1)

PATHFINDER
ENERGY SERVICES



CASING DETAILS

TVD	MD	Name	Size
2000.0	2000.0	9 5/8" Casing	9-5/8



Azimuths to True North
 Magnetic North: 11.67°

Magnetic Field
 Strength: 52824.0 nT
 Dip Angle: 65.96°
 Date: 5/1/2006
 Model: IGRF200510

WELL DETAILS: NBU 1022-23M

+N/-S	+E/-W	Northing	Ground Level: Easting	5417.0 Latitude	Longitude	Slot
0.0	0.0	14504273.04	2084575.6339° 55'	38.978 N 109° 24'	56.581 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2600.0	0.00	0.00	2600.0	0.0	0.0	0.00	0.00	0.0	
3133.3	16.00	30.00	3126.4	64.1	37.0	3.00	30.00	74.0	
8567.4	16.00	30.00	8350.0	1361.2	785.9	0.00	0.00	1571.8	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1250.0	1250.0	Green River
4030.0	4073.3	Wasatch
6410.0	6549.2	Mesaverde

ANNOTATIONS

TVD	MD	Annotation
2600.0	2600.0	Start Build 3.00
3126.4	3133.3	Start 5434.1 hold at 3133.3 MD
8350.0	8567.4	TD at 8567.4

Kerr McGee Oil & Gas

Uintah Co., UT

Sec.23-T10S-R22E-SWSW

NBU 1022-23M

Wellbore #1

Plan: Plan #1

Pathfinder Planning Report

01 May, 2006

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Kerr McGee Oil & Gas
Project: Uintah Co., UT
Site: Sec.23-T10S-R22E-SWSW
Well: NBU 1022-23M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well NBU 1022-23M
TVD Reference: WELL @ 5417.0ft (Original Well Elev)
MD Reference: WELL @ 5417.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Uintah Co., UT		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD83 Utah - HARN		
Map Zone:	Zone 12N (114 W to 108 W)		

Site	Sec.23-T10S-R22E-SWSW		
Site Position:		Northing:	14,504,273.04 ft
From:	Lat/Long	Easting:	2,084,575.63 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	39° 55' 38.978 N
		Longitude:	109° 24' 56.581 W
		Grid Convergence:	1.02 °

Well	NBU 1022-23M		
Well Position	+N/-S	0.0 ft	Northing: 14,504,273.04 ft
	+E/-W	0.0 ft	Easting: 2,084,575.63 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	39° 55' 38.978 N
		Longitude:	109° 24' 56.581 W
		Ground Level:	5,417.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF200510	5/1/2006	11.68
			Dip Angle
			(°)
			65.96
			Field Strength
			(nT)
			52,824

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction
			(°)
			30.00

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,133.3	16.00	30.00	3,126.4	64.1	37.0	3.00	3.00	0.00	30.00	
8,567.4	16.00	30.00	8,350.0	1,361.2	785.9	0.00	0.00	0.00	0.00	

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Kerr McGee Oil & Gas
Project: Uintah Co., UT
Site: Sec.23-T10S-R22E-SWSW
Well: NBU 1022-23M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well NBU 1022-23M
TVD Reference: WELL @ 5417.0ft (Original Well Elev)
MD Reference: WELL @ 5417.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
Green River									
1,250.0	0.00	0.00	1,250.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8" Casing									
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 3.00									
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	3.00	30.00	2,700.0	2.3	1.3	2.6	3.00	3.00	0.00
2,800.0	6.00	30.00	2,799.6	9.1	5.2	10.5	3.00	3.00	0.00
2,900.0	9.00	30.00	2,898.8	20.4	11.8	23.5	3.00	3.00	0.00
3,000.0	12.00	30.00	2,997.1	36.1	20.9	41.7	3.00	3.00	0.00
3,100.0	15.00	30.00	3,094.3	56.4	32.5	65.1	3.00	3.00	0.00
Start 5434.1 hold at 3133.3 MD									
3,133.3	16.00	30.00	3,126.4	64.1	37.0	74.0	3.00	3.00	0.00
3,200.0	16.00	30.00	3,190.5	80.0	46.2	92.4	0.00	0.00	0.00
3,300.0	16.00	30.00	3,286.6	103.9	60.0	119.9	0.00	0.00	0.00
3,400.0	16.00	30.00	3,382.8	127.7	73.7	147.5	0.00	0.00	0.00
3,500.0	16.00	30.00	3,478.9	151.6	87.5	175.1	0.00	0.00	0.00
3,600.0	16.00	30.00	3,575.0	175.5	101.3	202.6	0.00	0.00	0.00
3,700.0	16.00	30.00	3,671.1	199.3	115.1	230.2	0.00	0.00	0.00
3,800.0	16.00	30.00	3,767.3	223.2	128.9	257.7	0.00	0.00	0.00
3,900.0	16.00	30.00	3,863.4	247.1	142.7	285.3	0.00	0.00	0.00
4,000.0	16.00	30.00	3,959.5	271.0	156.4	312.9	0.00	0.00	0.00
Wasatch									
4,073.3	16.00	30.00	4,030.0	288.5	166.5	333.1	0.00	0.00	0.00
4,100.0	16.00	30.00	4,055.6	294.8	170.2	340.4	0.00	0.00	0.00
4,200.0	16.00	30.00	4,151.8	318.7	184.0	368.0	0.00	0.00	0.00
4,300.0	16.00	30.00	4,247.9	342.6	197.8	395.6	0.00	0.00	0.00
4,400.0	16.00	30.00	4,344.0	366.4	211.6	423.1	0.00	0.00	0.00

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Kerr McGee Oil & Gas
Project: Uintah Co., UT
Site: Sec.23-T10S-R22E-SWSW
Well: NBU 1022-23M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well NBU 1022-23M
TVD Reference: WELL @ 5417.0ft (Original Well Elev)
MD Reference: WELL @ 5417.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	16.00	30.00	4,440.2	390.3	225.3	450.7	0.00	0.00	0.00
4,600.0	16.00	30.00	4,536.3	414.2	239.1	478.3	0.00	0.00	0.00
4,700.0	16.00	30.00	4,632.4	438.0	252.9	505.8	0.00	0.00	0.00
4,800.0	16.00	30.00	4,728.5	461.9	266.7	533.4	0.00	0.00	0.00
4,900.0	16.00	30.00	4,824.7	485.8	280.5	560.9	0.00	0.00	0.00
5,000.0	16.00	30.00	4,920.8	509.7	294.3	588.5	0.00	0.00	0.00
5,100.0	16.00	30.00	5,016.9	533.5	308.0	616.1	0.00	0.00	0.00
5,200.0	16.00	30.00	5,113.0	557.4	321.8	643.6	0.00	0.00	0.00
5,300.0	16.00	30.00	5,209.2	581.3	335.6	671.2	0.00	0.00	0.00
5,400.0	16.00	30.00	5,305.3	605.1	349.4	698.8	0.00	0.00	0.00
5,500.0	16.00	30.00	5,401.4	629.0	363.2	726.3	0.00	0.00	0.00
5,600.0	16.00	30.00	5,497.5	652.9	376.9	753.9	0.00	0.00	0.00
5,700.0	16.00	30.00	5,593.7	676.8	390.7	781.5	0.00	0.00	0.00
5,800.0	16.00	30.00	5,689.8	700.6	404.5	809.0	0.00	0.00	0.00
5,900.0	16.00	30.00	5,785.9	724.5	418.3	836.6	0.00	0.00	0.00
6,000.0	16.00	30.00	5,882.0	748.4	432.1	864.1	0.00	0.00	0.00
6,100.0	16.00	30.00	5,978.2	772.2	445.9	891.7	0.00	0.00	0.00
6,200.0	16.00	30.00	6,074.3	796.1	459.6	919.3	0.00	0.00	0.00
6,300.0	16.00	30.00	6,170.4	820.0	473.4	946.8	0.00	0.00	0.00
6,400.0	16.00	30.00	6,266.6	843.9	487.2	974.4	0.00	0.00	0.00
6,500.0	16.00	30.00	6,362.7	867.7	501.0	1,002.0	0.00	0.00	0.00
Mesaverde									
6,549.2	16.00	30.00	6,410.0	879.5	507.8	1,015.5	0.00	0.00	0.00
6,600.0	16.00	30.00	6,458.8	891.6	514.8	1,029.5	0.00	0.00	0.00
6,700.0	16.00	30.00	6,554.9	915.5	528.5	1,057.1	0.00	0.00	0.00
6,800.0	16.00	30.00	6,651.1	939.3	542.3	1,084.7	0.00	0.00	0.00
6,900.0	16.00	30.00	6,747.2	963.2	556.1	1,112.2	0.00	0.00	0.00
7,000.0	16.00	30.00	6,843.3	987.1	569.9	1,139.8	0.00	0.00	0.00
7,100.0	16.00	30.00	6,939.4	1,011.0	583.7	1,167.3	0.00	0.00	0.00
7,200.0	16.00	30.00	7,035.6	1,034.8	597.5	1,194.9	0.00	0.00	0.00
7,300.0	16.00	30.00	7,131.7	1,058.7	611.2	1,222.5	0.00	0.00	0.00
7,400.0	16.00	30.00	7,227.8	1,082.6	625.0	1,250.0	0.00	0.00	0.00
7,500.0	16.00	30.00	7,323.9	1,106.4	638.8	1,277.6	0.00	0.00	0.00
7,600.0	16.00	30.00	7,420.1	1,130.3	652.6	1,305.2	0.00	0.00	0.00
7,700.0	16.00	30.00	7,516.2	1,154.2	666.4	1,332.7	0.00	0.00	0.00
7,800.0	16.00	30.00	7,612.3	1,178.0	680.1	1,360.3	0.00	0.00	0.00
7,900.0	16.00	30.00	7,708.4	1,201.9	693.9	1,387.9	0.00	0.00	0.00
8,000.0	16.00	30.00	7,804.6	1,225.8	707.7	1,415.4	0.00	0.00	0.00
8,100.0	16.00	30.00	7,900.7	1,249.7	721.5	1,443.0	0.00	0.00	0.00
8,200.0	16.00	30.00	7,996.8	1,273.5	735.3	1,470.5	0.00	0.00	0.00
8,300.0	16.00	30.00	8,092.9	1,297.4	749.1	1,498.1	0.00	0.00	0.00
8,400.0	16.00	30.00	8,189.1	1,321.3	762.8	1,525.7	0.00	0.00	0.00
8,500.0	16.00	30.00	8,285.2	1,345.1	776.6	1,553.2	0.00	0.00	0.00
TD at 8567.4									
8,567.4	16.00	30.00	8,350.0	1,361.2	785.9	1,571.8	0.00	0.00	0.00

Pathfinder Energy Services

Planning Report

Database: EDM 2003.14 Single User Db
Company: Kerr McGee Oil & Gas
Project: Uintah Co., UT
Site: Sec.23-T10S-R22E-SWSW
Well: NBU 1022-23M
Wellbore: Wellbore #1
Design: Plan #1

Local Co-ordinate Reference: Well NBU 1022-23M
TVD Reference: WELL @ 5417.0ft (Original Well Elev)
MD Reference: WELL @ 5417.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,000.0	2,000.0	9 5/8" Casing	9-5/8	12-1/4

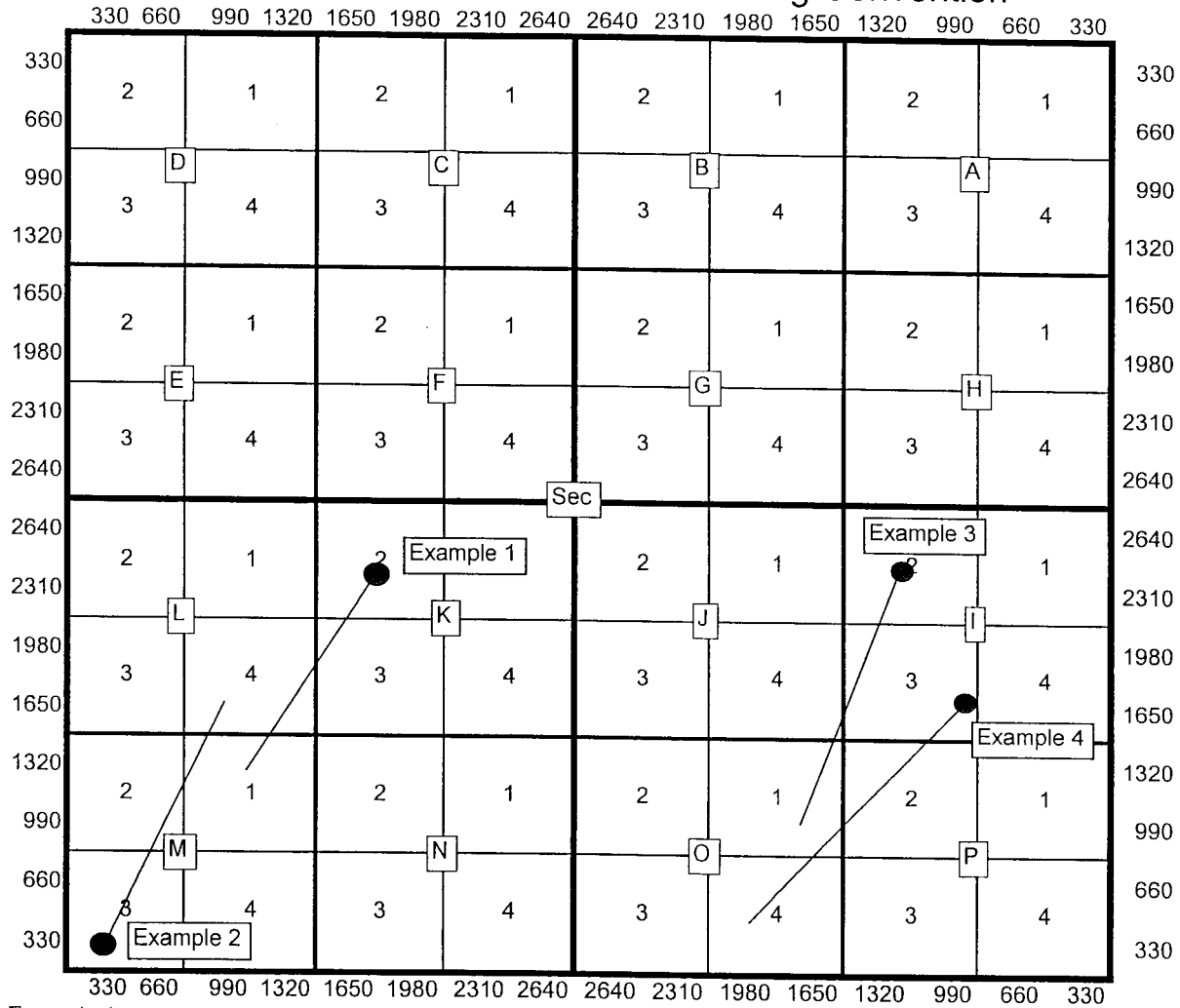
Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,250.0	1,250.0	Green River		0.00	
4,073.3	4,030.0	Wasatch		0.00	
6,549.2	6,410.0	Mesaverde		0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,600.0	2,600.0	0.0	0.0	Start Build 3.00
3,133.3	3,126.4	64.1	37.0	Start 5434.1 hold at 3133.3 MD
8,567.4	8,350.0	1,361.2	785.9	TD at 8567.4

Natural Buttes Build and Hold Naming Convention



Example 1:
Old Well (40 Acre):
1022-26K
New Well (Build&Hold):
1022-26KM
Azi: 215

Example 2:
Old Well (40 Acre):
1022-23M
New Well (Build&Hold):
1022-23ML
Azi: 30

Example 3:
Old Well (40 Acre):
1022-12I
New Well (Build&Hold):
1021-12IO
Azi: 197

Example 4:
Old Well (40 Acre):
1021-12I
New Well (Build&Hold):
1022-12PO
Azi: 222



Kerr-McGee Oil & Gas Onshore LP

1368 South 1200 East Vernal Utah 84078
Telephone: 435-781-0166 Fax: 435-781-7095

May 16, 2006

Ms. Diana Whitney
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling Letter R649-3-11
NBU 1022-23ML
T 10 S-R 21 E
Section 23: NW/SW/SE
151' FSL 227' FWL (surface)
1512' FSL, 1012' FWL (bottomhole)
Uintah County, Utah


Dear Ms. Whitney:

Pursuant to the filing of Kerr-McGee Oil & Gas Onshore LP's (Kerr-McGee) Application for Permit to Drill regarding the above referenced well on May 16, 2006, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- NBU 1022-23ML is located within the proposed Natural Buttes Unit Area.
- Kerr-McGee is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, Kerr-McGee will be able to utilize the existing road and pipelines in the area.
- Furthermore, Kerr-McGee certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and the west one-half of the section Federal leases UTU-01198-B.

Therefore, based on the above stated information Kerr-McGee Oil & Gas Onshore LP requests the permit to be granted pursuant to R649-3-11.

Sincerely,


Sheila Upchego
Regulatory Analyst

RECEIVED

MAY 19 2006

DIV. OF OIL, GAS & MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: KERR-McGEE OIL & GAS ONSHORE LP

Well Name: NBU 1022-23M

Api No: 43-047-36704 Lease Type: FEDERAL

Section 23 Township 10S Range 22E County UINTAH

Drilling Contractor PETE MARTIN'S RIG # BUCKET

SPUDDED:

Date 07/26/06

Time 5:00 PM

How DRY

Drilling will Commence: _____

Reported by LOU WELDON

Telephone # (435) 828-7035

Date 07/31/2006 Signed CHD

RECEIVED

JUL 31 2006

FORM 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIV. OF OIL, GAS & MINING

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078

Operator Account Number: N 2995

Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737776	NBU 1022-18D1		NWNW	18	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	7/31/2006			7/31/06	
Comments: MIRU ROCKY MOUNTAIN BUCKET RIG WSMVD SPUD WELL LOCATION ON 07/31/2006 at 1100 hrs.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735744	FEDERAL 1022-33A		NENE	33	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	15539	7/25/2006			7/31/06	
Comments: MIRU PETE MARTIN BUCKET RIG. mVRD SPUD WELL LOCATION ON 07/25/2006 AT 1200 HRS.							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304736704	NBU 1022-23ML		SWSW	23	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	2900	7/26/2006			7/31/06	
Comments: MIRU PETE MARTIN AIR RIG. WSMVD SPUD WELL LOCATION ON 07/26/2006 AT 1700 HRS							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

To: ERIENE RUSSELL From: SHEILA UPCHEGO
Co./Dept: UDOGM Co: KMG
Phone #: (801) 538-5330 Phone: (435) 781-7024
Fax #: (801) 359-3940 Fax: (435) 781-7094

SHEILA UPCHEGO

Name (Please Print)

Signature

REGULATORY ANALYST

7/31/2006

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 1022-23M

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

151' FSL 227' FWL

SWSW, SEC 23-T10S-R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other APD EXTENSION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	DOGM
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE OPERATOR REQUESTS AUTHORIZATION FOR AN ONE YEAR EXTENSION FOR THE SUBJECT WELL LOCATION. SO THAT THE DRILLING OPERATIONS MAY BE COMPLETED. THE ORIGINAL APD WAS APPROVED BY THE DIVISION OF OIL, GAS & MINING ON MAY 26, 2004

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-05-06
By: [Signature]

RECEIVED

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RAMEY HOOPES

Title

REGULATORY CLERK

Date

April 12, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

COPY SENT TO OPERATOR

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

Initials

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736704
Well Name: NBU 1022-23M
Location: SWSW, SEC 23-T10S-R22E
Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP
Date Original Permit Issued: 5/26/2004

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Ramey Shores
Signature

4/12/2006

Date

Title: REGULATORY CLERK

Representing: KERR MCGEE OIL AND GAS ONSHORE L

RECEIVED

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSW SEC. 23, T10S, R22E 151'FSL, 227'FWL

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23M

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other WELL SPUD & SET SURFACE CSG
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 07/26/2006 AT 1700 HRS.

MIRU BILL MARTIN AIR RIG ON 07/28/2006. DRILLED 12 1/4" SURFACE HOLE TO 2000' RAN 9 5/8" 32.3# H-40 SURFACE CSG. LEAD CMT W/330 SX CLASS G @15.8 PPG 1.15 YIELD. TOP OUT W/440 SX CLASS G @15.8 PPG 1.15 YIELD. CMT TO SURFACE HOLE STAYED FULL.

WORT

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Title

Regulatory Analyst

Signature

Date

July 31, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

AUG 21 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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UTU-01198-B

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7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23ML

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4304736704

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NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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3a. Address

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(435) 781-7024

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SWSW SEC. 23, T10S, R22E 151'FSL, 227'FWL

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<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2000' TO 8570' ON 08/29/2006. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. RAN 20 SX SCAVENGER CMT @9.5 PPG 8.45 YIELD. 58.04 WATER 30 BBLS. LEAD CMT W/313 SX PREM LITE II @11.0 PPG 3.38 YIELD. 20.5 WATER GPS. TAILED CMT W/1141 SX 50/50 POZ @14.3 PPG 1.31 YIELD. WATER 5.90 DISPLACEMENT 132.3 BBLS. BUMP PLUG. PLUG HOLDING. 15 BBLS MUD FLUSH ON RETURNS, FINAL PSI 2500# BUMP PLUG 500 PSI OVER FULL RETURNS DURING CMT JOB. NIPPLE DOWN BOP, SET SLIPS W/98,000# WT CUT OFF INSTALL DRY HOLE FLANGE CLEAN MUD PITS.

RELEASED ENSIGN RIG 12 ON 08/30/2006 AT 1500 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Dpchecho

Signature

Title

Regulatory Analyst

Date

August 31, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SEP 05 2006

DIV OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSW SEC. 23, T10S, R22E 151'FSL, 227'FWL

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23ML

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	START-UP
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 09/19/2006 AT 11:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

OCT 11 2006

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

DIV OF OIL, GAS & MINING

Title

Regulatory Analyst

Date

September 20, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

KERR MCGEE OIL AND GAS ONSHORE LP

CHRONOLOGICAL HISTORY

NBU 1022-23M

Page 1

SPUD	Surface Casing	Activity	Status
06/21/06		Building Location, 5% Complete	Caza 12
06/22/06		Building Location, 5% Complete	Caza 12
06/23/06		Building Location, 5% Complete	Caza 12
06/26/06		Building Location, 10% Complete	Caza 12
06/27/06		Building Location, 10% Complete	Caza 12
06/28/06		Building Location, 10% Complete	Caza 12
06/29/06		Building Location, 10% Complete	Caza 12
06/30/06		Building Location, 10% Complete	Caza 12
07/05/06		Building Location, 20% Complete	Caza 12
07/06/06		Building Location, 30% Complete	Caza 12
07/07/06		Building Location, 30% Complete	Caza 12
07/10/06		Building Location, 40% Complete	Caza 12
07/11/06		Building Location, 45% Complete	Caza 12
07/12/06		Building Location, 50% Complete	Caza 12
07/13/06		Building Location, 55% Complete	Caza 12
07/14/06		Building Location, 60% Complete	Caza 12
07/17/06		Building Location, 65% Complete	Caza 12
07/18/06		Building Location, 70% Complete	Caza 12
07/19/06		Building Location, 70% Complete	Caza 12
07/20/06		Building Location, 70% Complete	Caza 12
07/21/06		Building Location, 70% Complete	Caza 12
07/24/06		Building Location, 70% Complete	Caza 12
07/25/06		Building Location, 80% Complete	Caza 12

07/26/06		Building Location, 90% Complete	Caza 12
07/27/06		Building Location, Location Complete	Caza 12
08/01/06	7/26/06 7/28/06	Set Conductor Spud Air Rig Spud, WORT	Caza 12
08/15/06	<p>TD: 2000' Csg. 9 5/8"@ 1966' MW: 8.4 SD: 8/XX/06 DSS: 0 Finish RURT. NU and test BOPE. PU BHA and DP and drill cement down to plug. Pressure test casing @ report time.</p>		
08/16/06	<p>TD: 2445' Csg. 9 5/8"@ 1966' MW: 8.4 SD: 8/15/06 DSS: 1 Pressure test casing. Drill FE. Drill from 1963'-2231'. POOH and remove rubber plug from around bit. TIH and drill to 2445'. DA @ report time.</p>		
08/17/06	<p>TD: 3055' Csg. 9 5/8"@ 1966' MW: 8.9 SD: 8/15/06 DSS: 2 Drill from 2445'-2832'. TFNB and MM. Drill to 3055'. DA @ report time.</p>		
8/18/06	<p>TD: 3940' Csg. 9 5/8"@ 1966' MW: 9.0 SD: 8/15/06 DSS: 3 Rotate and slide f/ 3055'-3940'. Survey at 3804'MD/3773'TVD, 18.6 deg incl., and 34.8 az. DA @ report time.</p>		
08/21/06	<p>Csg. 9 5/8"@ 1966' MW: 9.4 SD: 8/15/06 DSS: 6 Rotate and slide f/ 3640'-6060'. Survey at 6004'MD/5882'TVD, 16.3 deg incl., and 33.8 az. DA @ report time.</p>		
08/22/06	<p>TD: 6560' Csg. 9 5/8"@ 1966' MW: 10.0 SD: 8/15/06 DSS: 7 Rotate and slide f/ 6060'-6560'. Survey at 6444'MD/6306'TVD, 15.7 deg incl., and 34.1 az. DA @ report time.</p>		
08/23/06	<p>TD: 6865' Csg. 9 5/8"@ 1966' MW: 10.2 SD: 8/15/06 DSS: 8 Rotate and slide f/ 6560'-6583'. TFNB and BHA. Survey at 6765'MD/6615'TVD, 15.1 deg incl., and 34.6 az. DA @ report time.</p>		
08/24/06	<p>TD: 7318' Csg. 9 5/8"@ 1966' MW: 10.4 SD: 8/15/06 DSS: 9 Rotate and slide f/ 6865'-7318'. Survey at 7268'MD/6982'TVD, 15.0 deg incl., and 37.5 az. DA @ report time.</p>		
08/25/06	<p>TD: 7660' Csg. 9 5/8"@ 1966' MW: 10.4 SD: 8/15/06 DSS: 10 Rotate and slide f/ 7318'-7660'. Survey at 7583'MD/7286'TVD, 16.2 deg incl., and 35.6 az. DA @ report time.</p>		
08/28/06	<p>TD: 8570' Csg. 9 5/8"@ 1966' MW: 10.4 SD: 8/15/06 DSS: 13 Rotate and slide f/ 7660'-8570'. CCH and short trip. Circulate BU twice. POOH for logs @ report time. Survey at 8463'MD/8131'TVD, 15.9 deg incl., and 34.4 az.</p>		

08/29/06

TD: 8570' Csg. 9 5/8" @ 1966' MW: 10.4 SD: 8/15/06 DSS: 14
POOH for logs. Run Triple Combo w/Microlog & BHC, XMI. RD loggers and TIH to TD
@ report time.

08/30/06

TD: 8570' Csg. 9 5/8" @ 1966' MW: 10.4 SD: 8/15/06 DSS: 14
CCH for casing. Lay down drill string and run 4 1/2" Production Casing. Circulate out gas
@ report time.

08/31/06

TD: 8570' Csg. 9 5/8" @ 1966' MW: 10.4 SD: 8/15/06 DSS: 16
Circ and cmt 4.5" prod csg. Set slips, ND, cut csg, and clean pits. Release rig at 1500 hrs on
8/30/06. RDRT. Move rig to NBU 1022-26C @ report time.

9/13/06

PROG: 9/14/06 7:AM HSM . RU RIG . SPOT EQUIP . ND WELLHEAD . NU BOP . PU 37/8"
MILL . RIH PU 23/8" TBG . GOT TO 7000' . POOH W/ TBG & MILL . ND BOP . NU FRAC
VALVES . FILL WELL . RU QUICK TEST . PRES TEST TO 7500 PSI , HELD . BLED PRES .
SWI .5:PM

PROG: 9/13/06 7:AM HSM. RU CUTTERS & BJ. SGTAGE 1# PERF 8347-57, 4SPF, 40
HOLES. BROKE @ 3944, IR 51.2, IP 5100, ISIP 2650, FG. 75, MP 5540, MR 50.5, AP 5285, AR
50.3, FG. 78, CLEAN 1054 BBLS, SAND 100,900#, 20# GEL

STAGE 2# SET CBP @ 7949', PERF 7700-02, 7826-30, 7914-19, 4SPF, 44 HOLES, BROKE @
3029, IR 48, IP 5100, ISIP 2850, FG. 79, MP 5590, MR 50.7, AP 5430, AR 50.5, FG. 80, CLEAN
1322 BBLS, SAND 169,100#, 20# GEL

STAGE 3# SET CBP @ 7414', PERF 7128-32, 7199-7203, 7381-84, 4SPF, 44 HOLES, BROKE @
2699, IR 50.2, IP 4750, ISIP 2450, FG. 77, MP 4990, MR 50, AP 4815, AR 49.9, FG. 84,
ISIP 2950, NPI 500, CLEAN 1548 BBLS, SAND 203,000# 18# GEL.

STAGE 4# SET CBP @ 6960', PERF 6678-79, 6842-46, 6927-30, 4SPF, 32 HOLES, BROKE @
3163, IR 45, IP 4600, ISIP 2600, FG. 81, MP 4690, MR 45.8, AP 4465, AR 45.7, FG. 86, ISIP
2950, NPI 350, CLEAN 1066 BBLS, SAND 135,400#, 18# GEL.

STAGE 5# SET CBP @ 6294', PERF 6256-64, 4SPF, 32 HOLES, BROKE @ 5484, IR 32.4, IP
4000, ISIP 1750, FG. 71. SCREENED OUT. 9,451# SAND IN PERFS. CLEAN 245 BBLS.
ZONE DIDN'T FLOW. TOTALS 617,851# SAND, 5,235 BBLS CLEAN. RD BJ & CUTTERS.
ND FRAC VALVES, NU BOP. PU 37/8 BIT, POBS. RIH TO 3000'. UNABLE TO CIR. POOH
W/ TBG. POBS PLUGGED W/ SAND. SWI 7:30 PM

09/14/06

PROG: 7:AM HSM . PU 37/8" BIT , POBS , R-NIPPLE . RIH W/ 23/8" TBG. TAG @ 4814'. RU
DRILL EQUIP . BROKE CONV CIR .DRILL & CIR . . GOT TO 5957' . CIR WELL CLEAN
.POOH TO 5000'. SWI . 4:PM . 337' SAND LEFT TO CLEANOUT.

09/15/06

PROG: 7:AM HSM. OPEN WELL 0 PSI. RIH. BROKE CIR. CONTINUE DRILL SAND
FROM 5957' TO CBP @ 6294'. DRILL UP CBP @ 6294'. 200 PSI INC. RIH, TAG @ 6930'.
30' SAND. DRILL DOWN TO 2# CBP @ 6960'.

DRILL UP CBP. 150 PSI INC. RIH, TAG @ 7283'. 130' SAND. DRILL DOWN TO 3# CBP @
7414'.

DRILL UP CBP. 250 PSI INC. RIH, TAG @ 7919', 30' SAND. DRILL DOWN TO 4# CBP @
7949'.

DRILL UP CBP. 250 PSI INC. RIH TAG SAND @ 8357'. DRILL DOWN TO PBTD @ 8427.
CIR WELL. POOH LD EXCESS TBG. 230 JTS IN WELL, LAND TBG. EOT @ 7309.13.
ND BOP, NU WELLHEAD. DROP BALL. POBS. PUT WELL FLOWING TO PIT. RD RIG.
TURN WELL OVER TO FLOWTESTERS. 4:PM.

09/18/06 PROG: WELL ON FLOWBACK, FLOWBACK REPORT: CP: 625#, TP: 125#, OPEN CHK, 10
BWPH, 24 HRS, SD: CLEAN, TTL BBLs FLWD: 300 BBLs, TODAY'S LTR: 1663 BBLs,
LOAD REC TODAY: 300 BBLs, REMAINING LTR: 1363 BBLs, TOTAL LOAD REC TO
DATE: 4270 BBLs.

09/19/06 PROG: WELL WENT ON SALES: 09/19/2006, 11:00 A.M. 700 MCF, 22/64 CHK, SICP: 750#.
FTP: 300.20 BWPH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

UTU-01198-B

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

UNIT #891008900A NBU UNIT

8. Lease Name and Well No.

NBU 1022-23ME

9. API Well No.

4304736704

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435)-781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

SWSW 151'FSL, 227'FWL

At top prod. interval reported below

At total depth

1560 FSL 1010 FWL
NWSWSE 1512'FSL, 1012'FWL

14. Date Spudded

07/26/06

15. Date T.D. Reached

08/29/06

16. Date Completed

☐ D & A ☒ Ready to Prod.
09/19/06

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and

Survey or Area SEC 23, T10S, R22E

12. County or Parish

UINTAH

13. State

UTAH

17. Elevations (DF, RKB, RT, GL)*

5417'GL

18. Total Depth: MD 8570'
TVD 8327'

19. Plug Back T.D.: MD 8427'
TVD 8209'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

✓ CBL-CCL-GR; SONIC SP/DSN

22. Was well cored? ☒ No ☐ Yes (Submit copy)
Was DST run? ☒ No ☐ Yes (Submit copy)
Directional Survey? ☒ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	32.3#		2000'		770 SX			
7 7/8"	4 1/2"	11.6#		8570'		1474 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	7309'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	6256'	6264'	6256'-6264'	0.35	32	OPEN
B) MESAVERDE	6678'	8357'	6678'-8357'	0.35	160	OPEN
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
6256'-6264'	PMP 245 BBLS LIGHTNING 18 & 9,451# 20/40 MESH SD
6678'-8357'	PMP 4990 BBLS LIGHTNING 18, 20 & 608,400# 20/40 MESH SD

RECEIVED

NOV 01 2006

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/19/06	09/22/06	24	→	0	669	260			DIV. OF OIL, GAS & MINING FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 334# SI	Csg. Press. 715#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
22/64			→	0	669	260		PRODUCING GAS WELL	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/19/06	09/22/06	24	→	0	669	260			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 334# SI	Csg. Press. 715#	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
22/64			→	0	669	260		PRODUCING GAS WELL	

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	4072' 6375'	6375'			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 10/23/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23ML

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSW SEC. 23, T10S, R22E 151'FSL, 227'FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>DIRECTIONAL</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>DRILL SURVEY</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

A DIRECTIONAL DRILL SURVEY WAS PERFORMED AND COMPLETED FOR THE SUBJECT WELL LOCATION.

PLEASE REFER TO THE ATTACHED DIRECTIONAL DRILL SURVEY.

RECEIVED

JAN 11 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sheila Upchego

Signature

Title

Regulatory Analyst

Date

January 4, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

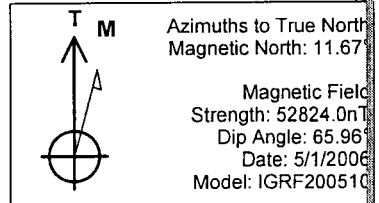
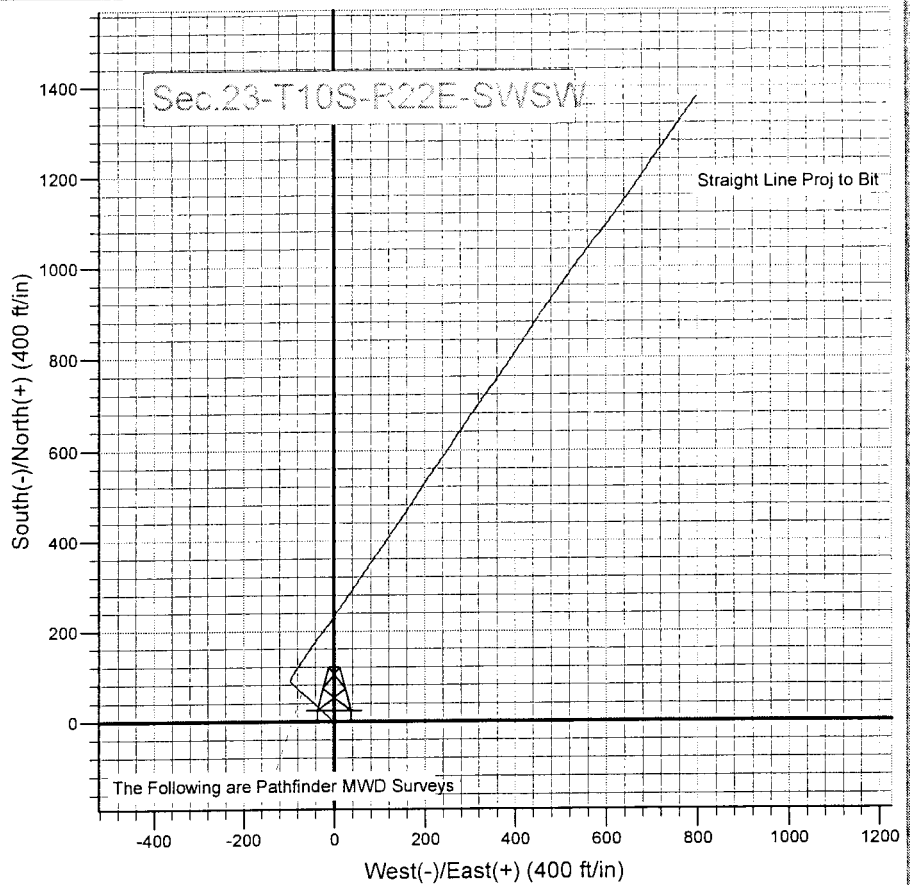
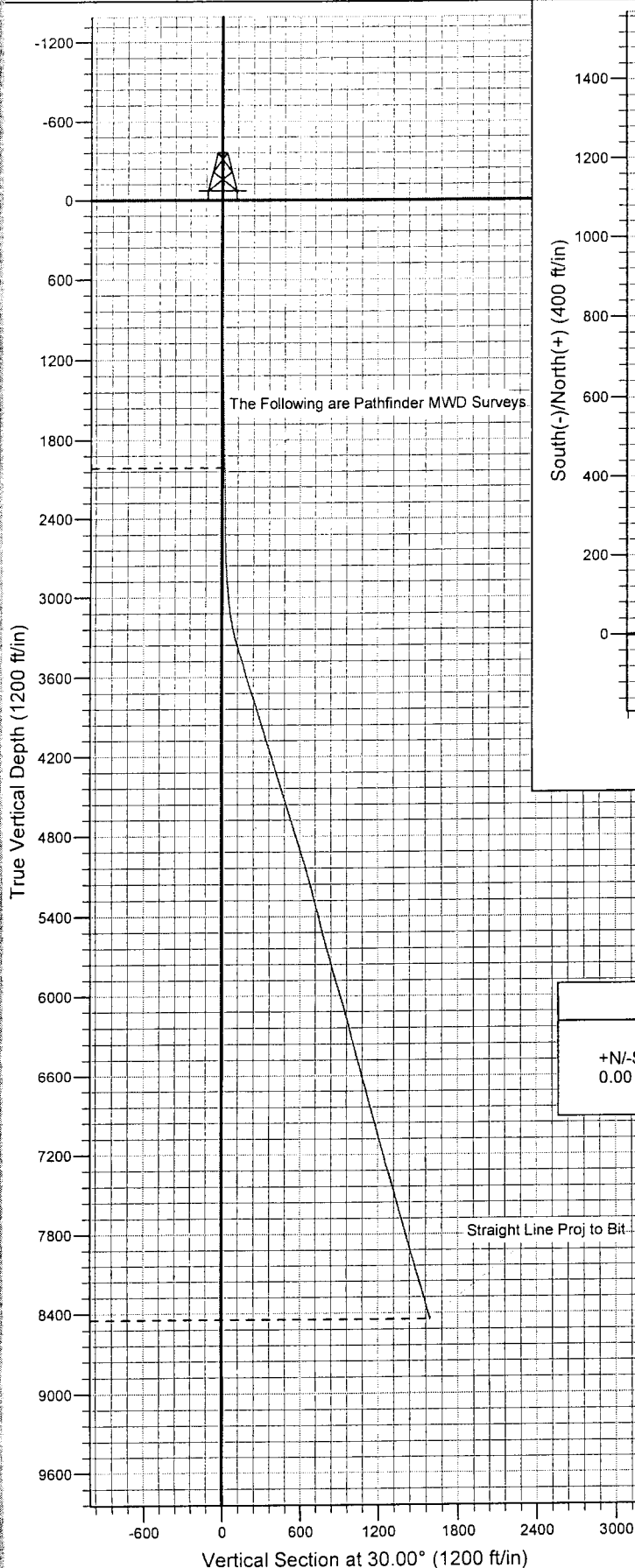
Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Company: Kerr-McGee Oil & Gas Onshore LP
Project: Uintah Co., UT
Site: Sec.23-T10S-R22E-SWSW
Well: NBU 1022-23M
Wellbore: Wellbore #1
Design: Wellbore #1 (NBU 1022-23M/Wellbore #1)

PATHFINDER
ENERGY SERVICES



Azimuths to True North
Magnetic North: 11.67°

Magnetic Field
Strength: 52824.0nT
Dip Angle: 65.96°
Date: 5/1/2006
Model: IGRF200510

WELL DETAILS: NBU 1022-23M

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	14504273.04	2084575.6339°	55° 38.978 N	109° 24' 56.581 W	

ANNOTATIONS

TVD	MD	Annotation
2013.06	2016.00	The Following are Pathfinder MWD Surveys
8447.15	8671.00	Straight Line Proj to Bit

PATHFINDER

Survey Report

Page 1
Job No: 101005733-WY-WY
Date: 8/29/2006
Time: 11:33 am
Wellpath ID: Survey
Date Created: 7/26/2006
Last Revision: 8/29/2006

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 30.00 deg.

Survey Reference: WELLHEAD
Offset, Referenced to WellHead: (ft.): 0.00 N 0.00 E 0.00 TVD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: STRUCTURE ORIGIN

KERR-McGEE OIL & GAS
NBU 1022-23M
UINTAH CO., UTAH
RIG: ENSIGN #12

DECL: 11.64° EAST TO TRUE
KBH: 14' TO GROUND LEVEL

PES OFFICE SUPERVISOR:
RICH ARNOLD
PES FIELD ENGINEER:
ROB DUTTON
PES DIRECTIONAL DRILLER:
DENNIS CARTER/JIM CHAULK

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
TIE INTO SURFACE	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS										
2016.00	5.36	312.31	2013.06	2016.00	20.09	63.43 N	69.68W	94.23@	312.31	0.27
2079.00	4.57	311.52	2075.82	63.00	21.22	67.07 N	73.74W	99.68@	312.29	1.26
2142.00	3.87	318.29	2138.65	63.00	22.39	70.33 N	77.03W	104.31@	312.39	1.36
2205.00	3.34	316.71	2201.53	63.00	23.58	73.25 N	79.71W	108.25@	312.58	0.86
2268.00	3.25	311.17	2264.42	63.00	24.46	75.76 N	82.31W	111.87@	312.63	0.52
2330.00	2.81	308.45	2326.34	62.00	25.02	77.86 N	84.82W	115.14@	312.55	0.75
2394.00	2.64	308.45	2390.26	64.00	25.47	79.75 N	87.20W	118.17@	312.44	0.27
2456.00	2.46	303.61	2452.20	62.00	25.76	81.38 N	89.43W	120.91@	312.30	0.45
2518.00	2.64	310.56	2514.14	62.00	26.11	83.04 N	91.62W	123.66@	312.19	0.58
2581.00	2.55	310.47	2577.08	63.00	26.63	84.90 N	93.79W	126.51@	312.15	0.14
2676.00	2.20	2.50	2672.01	95.00	28.63	88.09 N	95.32W	129.79@	312.74	2.22
2737.00	2.81	17.90	2732.95	61.00	31.13	90.68 N	94.81W	131.20@	313.73	1.48
2800.00	3.08	18.04	2795.87	63.00	34.29	93.76 N	93.81W	132.63@	314.98	0.43
2863.00	3.52	23.51	2858.76	63.00	37.87	97.14 N	92.52W	134.15@	316.40	0.86
2926.00	4.22	30.89	2921.62	63.00	42.11	100.91 N	90.55W	135.58@	318.10	1.36
2989.00	5.36	30.27	2984.40	63.00	47.37	105.44 N	87.88W	137.26@	320.19	1.81
3051.00	6.16	33.35	3046.08	62.00	53.59	110.72 N	84.59W	139.33@	322.62	1.38
3114.00	8.79	35.46	3108.54	63.00	61.76	117.46 N	79.94W	142.08@	325.76	4.20
3177.00	10.55	35.28	3170.64	63.00	72.29	126.09 N	73.82W	146.11@	329.65	2.79
3239.00	12.13	34.23	3231.43	62.00	84.44	136.11 N	66.87W	151.65@	333.83	2.57
3302.00	13.98	32.65	3292.80	63.00	98.64	147.99 N	59.04W	159.34@	338.25	2.99
3365.00	16.00	33.44	3353.65	63.00	114.91	161.65 N	50.15W	169.25@	342.76	3.22
3427.00	17.50	35.19	3413.02	62.00	132.73	176.40 N	40.07W	180.89@	347.20	2.55
3489.00	16.80	38.71	3472.27	62.00	150.87	191.01 N	29.10W	193.21@	351.34	2.02
3553.00	16.53	36.51	3533.58	64.00	169.06	205.54 N	17.89W	206.32@	355.02	1.07

PATHFINDER

Survey Report

Page 2
Date: 8/29/2006
Wellpath ID: Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)	DLS (dg/100ft)
3616.00	16.18	33.09	3594.03	63.00	186.73	220.10 N	7.77W	220.24@357.98	1.63
3679.00	17.15	32.82	3654.39	63.00	204.77	235.26 N	2.06 E	235.27@ 0.50	1.54
3741.00	18.20	34.49	3713.46	62.00	223.55	250.92 N	12.49 E	251.23@ 2.85	1.88
3804.00	18.64	34.84	3773.23	63.00	243.39	267.30 N	23.82 E	268.36@ 5.09	0.72
3867.00	18.29	34.40	3832.99	63.00	263.28	283.72 N	35.15 E	285.86@ 7.06	0.60
3930.00	17.59	33.79	3892.92	63.00	282.64	299.78 N	46.03 E	303.30@ 8.73	1.15
3993.00	16.88	32.58	3953.09	63.00	301.27	315.40 N	56.25 E	320.38@ 10.11	1.26
4056.00	16.88	34.14	4013.38	63.00	319.53	330.68 N	66.31 E	337.26@ 11.34	0.72
4119.00	17.24	34.67	4073.61	63.00	337.96	345.93 N	76.76 E	354.34@ 12.51	0.62
4182.00	17.32	34.76	4133.76	63.00	356.61	361.31 N	87.41 E	371.74@ 13.60	0.13
4245.00	17.50	33.61	4193.88	63.00	375.41	376.91 N	98.00 E	389.44@ 14.58	0.62
4308.00	17.06	34.67	4254.03	63.00	394.08	392.39 N	108.50 E	407.12@ 15.46	0.86
4371.00	17.76	34.93	4314.15	63.00	412.86	407.87 N	119.26 E	424.95@ 16.30	1.12
4433.00	18.03	34.40	4373.15	62.00	431.85	423.54 N	130.10 E	443.07@ 17.08	0.51
4496.00	17.85	34.32	4433.08	63.00	451.20	439.56 N	141.05 E	461.64@ 17.79	0.29
4559.00	17.85	34.14	4493.05	63.00	470.45	455.53 N	151.91 E	480.19@ 18.44	0.09
4622.00	18.03	33.96	4552.99	63.00	489.81	471.61 N	162.78 E	498.91@ 19.04	0.30
4685.00	17.76	34.05	4612.94	63.00	509.12	487.65 N	173.60 E	517.63@ 19.60	0.43
4748.00	17.85	33.88	4672.92	63.00	528.34	503.63 N	184.37 E	536.32@ 20.11	0.16
4811.00	17.85	33.79	4732.89	63.00	547.61	519.67 N	195.12 E	555.09@ 20.58	0.04
4874.00	17.94	34.40	4792.84	63.00	566.92	535.70 N	205.97 E	573.93@ 21.03	0.33
4937.00	18.11	34.58	4852.75	63.00	586.35	551.77 N	217.01 E	592.91@ 21.47	0.28
5000.00	17.59	35.02	4912.72	63.00	605.59	567.63 N	228.03 E	611.72@ 21.89	0.85
5063.00	17.06	35.28	4972.86	63.00	624.28	582.97 N	238.83 E	629.95@ 22.28	0.85
5125.00	16.53	35.02	5032.22	62.00	642.12	597.61 N	249.14 E	647.47@ 22.63	0.86
5188.00	16.18	34.76	5092.67	63.00	659.80	612.17 N	259.29 E	664.82@ 22.96	0.57
5250.00	16.00	34.05	5152.24	62.00	676.93	626.34 N	269.00 E	681.66@ 23.24	0.43
5311.00	15.56	34.76	5210.94	61.00	693.47	640.03 N	278.37 E	697.95@ 23.51	0.79
5373.00	15.30	35.19	5270.70	62.00	709.90	653.55 N	287.83 E	714.12@ 23.77	0.46
5436.00	14.77	35.55	5331.55	63.00	726.17	666.87 N	297.29 E	730.14@ 24.03	0.85
5497.00	14.68	35.46	5390.54	61.00	741.61	679.50 N	306.29 E	745.34@ 24.26	0.15
5562.00	14.51	35.28	5453.45	65.00	757.91	692.85 N	315.77 E	761.42@ 24.50	0.27
5625.00	14.42	36.25	5514.45	63.00	773.57	705.62 N	324.97 E	776.86@ 24.73	0.41
5688.00	15.30	35.90	5575.34	63.00	789.64	718.68 N	334.48 E	792.70@ 24.96	1.40
5751.00	16.18	35.99	5635.98	63.00	806.63	732.51 N	344.52 E	809.49@ 25.19	1.40
5814.00	15.83	35.90	5696.54	63.00	823.91	746.58 N	354.71 E	826.56@ 25.41	0.56
5877.00	16.09	35.28	5757.11	63.00	841.15	760.66 N	364.79 E	843.61@ 25.62	0.49
5941.00	15.56	35.28	5818.68	64.00	858.53	774.91 N	374.87 E	860.82@ 25.82	0.83
6004.00	16.27	33.70	5879.27	63.00	875.75	789.15 N	384.65 E	877.91@ 25.99	1.32
6066.00	16.53	33.00	5938.75	62.00	893.23	803.78 N	394.27 E	895.27@ 26.13	0.53
6130.00	16.18	33.61	6000.16	64.00	911.22	818.84 N	404.17 E	913.15@ 26.27	0.61
6193.00	16.44	34.23	6060.62	63.00	928.87	833.52 N	414.04 E	930.69@ 26.42	0.50
6256.00	16.53	34.32	6121.03	63.00	946.70	848.29 N	424.11 E	948.40@ 26.56	0.15
6319.00	15.21	34.84	6181.63	63.00	963.87	862.48 N	433.88 E	965.46@ 26.71	2.11
6382.00	14.86	33.88	6242.47	63.00	980.16	875.97 N	443.11 E	981.66@ 26.83	0.68
6444.00	15.74	34.14	6302.27	62.00	996.48	889.53 N	452.26 E	997.90@ 26.95	1.42
6507.00	15.30	34.23	6362.98	63.00	1013.29	903.47 N	461.73 E	1014.62@ 27.07	0.70
6576.00	15.48	35.72	6429.50	69.00	1031.54	918.47 N	472.23 E	1032.76@ 27.21	0.63

PATHFINDER

Survey Report

Page 3
Date: 8/29/2006
Wellpath ID: Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
6639.00	15.48	34.93	6490.22	63.00	1048.28	932.19 N	481.95 E	1049.41@	27.34	0.33
6702.00	14.51	35.81	6551.07	63.00	1064.51	945.49 N	491.38 E	1065.55@	27.46	1.58
6765.00	15.12	34.58	6611.98	63.00	1080.55	958.65 N	500.66 E	1081.52@	27.58	1.09
6828.00	15.39	35.46	6672.76	63.00	1097.06	972.23 N	510.18 E	1097.95@	27.69	0.56
6892.00	14.68	35.02	6734.56	64.00	1113.59	985.78 N	519.76 E	1114.41@	27.80	1.12
6955.00	15.39	36.43	6795.41	63.00	1129.85	999.05 N	529.30 E	1130.60@	27.91	1.27
7018.00	15.83	36.69	6856.08	63.00	1146.69	1012.66 N	539.40 E	1147.36@	28.04	0.71
7081.00	15.30	36.86	6916.77	63.00	1163.48	1026.21 N	549.52 E	1164.06@	28.17	0.84
7144.00	15.83	36.34	6977.46	63.00	1180.27	1039.78 N	559.60 E	1180.80@	28.29	0.87
7205.00	16.18	36.86	7036.10	61.00	1196.98	1053.28 N	569.63 E	1197.44@	28.41	0.62
7268.00	14.95	37.48	7096.79	63.00	1213.75	1066.75 N	579.84 E	1214.16@	28.53	1.97
7331.00	14.77	37.66	7157.68	63.00	1229.77	1079.56 N	589.69 E	1230.11@	28.64	0.29
7394.00	15.12	38.97	7218.55	63.00	1245.84	1092.30 N	599.76 E	1246.13@	28.77	0.77
7457.00	16.36	36.43	7279.19	63.00	1262.78	1105.83 N	610.20 E	1263.02@	28.89	2.25
7520.00	16.71	35.55	7339.58	63.00	1280.61	1120.34 N	620.74 E	1280.81@	28.99	0.68
7583.00	16.18	35.63	7400.00	63.00	1298.36	1134.84 N	631.11 E	1298.53@	29.08	0.84
7646.00	15.92	34.67	7460.55	63.00	1315.71	1149.08 N	641.14 E	1315.85@	29.16	0.59
7709.00	15.30	36.25	7521.22	63.00	1332.58	1162.89 N	650.97 E	1332.70@	29.24	1.19
7771.00	15.83	35.02	7580.95	62.00	1349.14	1176.42 N	660.66 E	1349.23@	29.32	1.01
7834.00	15.56	35.28	7641.60	63.00	1366.11	1190.35 N	670.47 E	1366.15@	29.39	0.44
7897.00	15.92	33.35	7702.24	63.00	1383.15	1204.47 N	680.10 E	1383.21@	29.45	1.01
7959.00	16.36	33.79	7761.79	62.00	1400.35	1218.83 N	689.64 E	1400.40@	29.50	0.74
8022.00	15.48	32.91	7822.38	63.00	1417.60	1233.26 N	699.14 E	1417.65@	29.55	1.45
8085.00	15.39	35.11	7883.11	63.00	1434.33	1247.15 N	708.51 E	1434.36@	29.60	0.94
8148.00	16.18	34.67	7943.73	63.00	1451.40	1261.21 N	718.32 E	1451.43@	29.66	1.27
8211.00	15.30	34.67	8004.37	63.00	1468.43	1275.27 N	728.04 E	1468.45@	29.72	1.40
8274.00	15.65	34.84	8065.08	63.00	1485.19	1289.08 N	737.62 E	1485.20@	29.78	0.56
8337.00	16.09	35.46	8125.68	63.00	1502.34	1303.16 N	747.54 E	1502.35@	29.84	0.75
8400.00	15.65	34.76	8186.28	63.00	1519.50	1317.26 N	757.45 E	1519.50@	29.90	0.76
8463.00	15.92	34.40	8246.90	63.00	1536.58	1331.37 N	767.18 E	1536.55@	29.95	0.46
8526.00	15.65	33.70	8307.53	63.00	1553.68	1345.57 N	776.77 E	1553.65@	30.00	0.52
STRAIGHT LINE PROJECTION TO BIT										
8671.00	15.65	33.70	8447.15	145.00	1592.71	1378.11 N	798.47 E	1592.71@	30.09	0.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU-01198-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A NBU UNIT

8. Well Name and No.

NBU 1022-23ML

9. API Well No.

4304736704

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3a. Address

1368 S. 1200 E. VERNAL, UT 84078

3b. Phone No. (include area code)

(435)781-7003

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

151' FSL, 227' FWL

SWSW, SEC 23-T10S-R22E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	MAINTENANCE
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

03/28/07 7:00 AM, (DAY#1) HELD JSA ON RD. RD, MOVE RIG FROM THE NBU 142 TO THE NBU 1022-23M. MIRU, SPOT EQUIP.FL, TP 100# FL, CP 200#. BLED DN PRESSURES. ND W/H NU BOP'S AND EQUIP. PULL TBG HANGER OUT OF W/H, POOH W/ 230 JT'S 2 3/8" J-55 TBG, LD THE LAST 6 JT'S, THE LAST 4 JT'S WERE PLUGGED W/ SCALE. PU 3 7/8" MILL W/ POBS AND PROFILE NIPPLE W/ 1.781 ID. RIH TO 5000'.5:30 PM, SWI SDFN. WTR USED FOR THE DAY 90 BBL'S. TOTAL WTR USED 90 BBL'S. WRT RECOVERED 20 BBL'S. TOTAL WTR RECOVERED 20 BBL'S. WTR LEFT TO RECOVER 70 BBL'S.

03/29/07 7:00 (DAY#2) HELD JSA ON DRIVING TO WORK. SICP 700# SITP 0#.
BLED DN PRESSURE, FINISH RIH W/ 3 7/8" MILL. TAG SOMETHING @ 8424' IT DROP TO 8444' 17'. RU FOAMER PMP A SWEEP WELL UNLOADED HEAVY WTR FOR 15 MIN'S. (RECOVERED 60 BBL'S JUST MAKING A SWEEP W/ FOAMING UNIT.) PMP 15 BBL TOP KILL. LD 38 JT'S LAND TBG @ 7263'. ND BOP'S AND EQUIP, DROP BALL, NU W/H. PMP 20 BBL'S PMP BIT OFF W/ 600#. PU LUBRICATOR W/ 1.991" TBG BROACH BROACH TBG TO 7260'. (NO OBSTRUCTIONS IN TBG.) POOH W/ SAND LINE SWI.3:00 PM, TURN WELL OVER TO PROD.
WTR USED FOR THE DAY 70 BBL'S. TOTAL WTR USED FOR THE JOB 160 BBL'S.
WTR RECOVERED 80 BBL'S. WTR LEFT TO RECOVER 80 BBL'S.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Ramey Hoopes

Title

Land Specialist I

Signature

Ramey Hoopes

Date

May 10, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

MAY 29 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
UTU-01198-B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)

435.781.7024

7. If Unit of CA/Agreement, Name and/or No.

UNIT #891008900A

8. Well Name and No.

NBU 1022-23M

9. API Well No.

4304736704

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/SW SEC. 23, T10S, R22E 151FSL, 227FWL

10. Field and Pool or Exploratory Area

NATURAL BUTTES

11. Country or Parish, State

UINTAH COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>PRODUCTION</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>START-UP</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

A RECOMPLETION WAS PERFORMED ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS PERFORATED AND FRACTURED THE EXISTING WASATCH AND MESAVERDE FORMATION. THE OPERATOR HAS COMMINGLED THE EXISTING FORMATIONS ALONG WITH THE NEW INTERVALS. THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 11/28/2008 AT 8:40 AM.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 12/02/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

RECEIVED

DEC 08 2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Wins No.: 77403 NBU 1022-23M L API No.: 4304736706

EVENT INFORMATION: EVENT ACTIVITY: RECOMPLETION START DATE: 11/7/2008 AFE NO.: 2027333
 OBJECTIVE: DEVELOPMENT END DATE:
 OBJECTIVE 2: RECOMPLETE DATE WELL STARTED PROD.:
 REASON: MV/WAS Event End Status:

RIG OPERATIONS: Begin Mobilization Rig On Location Rig Charges Rig Operation Start Finish Drilling Rig Release Rig Off Location

KEY 243 / 243

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de	P/U	Operation
11/14/2008	SUPERVISOR: ERIC DANIELS						MD: HSM. ROAD TO LOC. HAVE TO SET 1 DEADMAN. RU RIG. SPOT EQUIP. BLOW WELL DOWN. KILL WELL W/ 75 BBLS 2% KCL. ND WELLHEAD. NU BOP. UNLAND 23/8" J-55 TBG. RIH, TAG @ 7385'. POOH W/ 23/8" TBG, X-NIPPLE. TBG CLEAN. PU 37/8" MILL BIT SUB. RIH W/ 23/8" TBG. EOT 2000'. SEI 5:30 PM
11/15/2008	SUPERVISOR: JON MILES						MD: HSM. OPEN WELL. BLOW DOWN. CONTROL AS NESS. RIH W/ 23/8" TBG. 231 JTS IN WELL. TAG @ 7300'. RU DRILL EQUIP & FOAM UNIT. BROKE CONV CIR. START DRILL @ 7300'. DRILL ON OBSTRUCTION FOR 2 HRS, NO HOLE MADE. CIR WELL. RD FOAM UNIT & DRILL EQUIP. POOH W/ 23/8 TBG, BIT SUB & MILL. MILL NOT WORE OUT, BUT HAS MARKS ON BOTTOM THAT LOOK LIKE WAS ON METAL. SWI 5:PM
11/16/2008	SUPERVISOR: JON MILES						MD: HSM. PU 33/4" SHOE. 37/8 OD CUTRIGHT, 31/8" ID. 1- 31/8 DC, BUMPER SUB, 3-31/8 DC'S, X-O, RIH W/ 23/8" J-55 TBG. TAG @ 7300'. RU DRILL EQUIP & FOAM UNIT. BROKE CONV CIR. DRILL FROM 11:AM TO 3:30 PM. MADE 6' HOLE. GOT TO 7306' . KILL TBG, RD DRILL EQUIP. POOH W/ 23/8" TBG. EOT @ 2500'. SWI 6:PM
11/17/2008	SUPERVISOR: JON MILES						MD: HSM, WORKING W/ COLLARS BLOW WELL DN, 300# CSG, 200# TBG, CONTINUE TO POOH W/ DRL COLLARS & MILL SHOE. MILL SHOE WORE OUT. P/U 3-7/8 FANG TOOTHE MILL, RIH W/ 4 DRL COLLARS, BUMPER SUB & JARS, TAG OLD POBS @ 7315', P/U PWR SWVL, EST CIRC W/ AIR FOAM UNIT, STARTED MILLING @ 13:20 HRS, MADE APROX 8'. [EOT @ 7323'] GETTING SMALL AMOUNTS OF METAL SHAVINGS & SCALE. PULLED HIGH KELLEY SWIFN.
11/18/2008	SUPERVISOR: JON MILES						MD: HSM. WORKING W/ FOAM UNIT 600# SITP, 600# SICP, OPEN WELL TO FLOW BACK TANK, RIH TAG @ 7223' BRK CIRC W/ AIR FOAM, C/O TO 7233' FELL THROUGH RIH TO 7700', TAGGED, STICKY PULLING BACK UP. [BELOW WHERE NEED TO SET PLUG] PLUGGED TBG, POOH W/ TBG, DRL COLLARS, FANG TOOTHE MILL,
11/19/2008	SUPERVISOR: JON MILES						MD: HSM, P/U 2-7/8 TBG MIRU CUTTERS WIRE LINE P/U BKR 10K CBP & SET @ 7596', POOH R/D CUTTERS, P/U BAKER RETRIEVE-O-MATIC HD RIGHT HAND SET PKR, X-N NIPPLE, X-OVER, TALLEY & P/U JNTS 2-7/8 PH-6 TBG, SET PKR @ 7402' W/ 238 JTS 2-7/8 TBG, FILL TBG & CSG P/T TO 6200#, GOOD TEST, MIRU DELSCO P/U STANDING VALVE RIH ON SLICK LINE SET IN SEAT NIPPLE. POOH W/ SLICK LINE, P/T TBG TO 8000# [GOOD TEST] RIH W/ SLICKLINE & RETRIEVE STNDG VALVE, SWIFN.
11/20/2008	SUPERVISOR: JON MILES						MD: HSM, FRACING

Wins No.: 77403		NBU 1022-23M				API No.: 4304736706	
7:15 - 17:00		9.75	COMP	36	E	P	<p>MIRU CUTTERS WIRELINE & WEATHERFORD FRAC EQUIP, P/U RIH W/ 1-9/16 PERF GUN, PERF MESAVERDE 7562'-7566', 4 SPF, 90" PH, 16 HOLES, POOH</p> <p>STG#1] WHP=0# BRK DN PERS @ 6726#, INJT PSI=, INJT RT=4 BPM, ISIP=1700#, FG=.67, DONE IFIT, 5 MIN=1502#, 10 MIN=1410#, 15 MIN=1316#, RIH W/ 1-9/16 PERF GUN FINISH PERFORATING MESAVERDE @ 7538'-7544' 4 SPF, 24 HOLES, FRAC STG #1] PUMP'D 652.1 BBLS W/ 21365 # 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, ISIP=1848#, FG=.69, AR=20.0, AP=6523#, MR=20.3, MP=7960#, NPI=148# 40/40 CALC PERFS OPEN.</p> <p>RIH W/ WEIGHT BARS TAG SAND @ 7570' POOH, PUMP'D 337# SAND W/ APPROX 60' CEMNT BEHIND SAND LEFT CEMENT @ 7470' SWIFN FOR CEMENT TO SET.</p>
11/21/2008	SUPERVISOR: JON MILES						MD:
7:00 - 15:00		8.00	COMP	46	B	P	<p>P/U RIH W/ 1-9/16 SINKER BARS, RIH TAG GREEN CEMENT @ 7485' CEMENT STILL NOT SET POOH SWIFN W/ 1800#.</p>
11/22/2008	SUPERVISOR: JON MILES						MD:
7:00 - 7:15		0.25	COMP	48		P	HSM, L/D TBG
7:15 - 20:00		12.75	COMP	36	E	P	<p>OPEN WELL, 100# TBG, P/U RIH W/ SINKER BARS, TAG SAND @ 7420' VERY STICKY CEMENT, POOH, BLOW WELL DN CSG, PUMP'D 30 BBLS DN CSG, UNSET PKR POOH L/D 2-7/8 PH-6 TBG, W/ BKR PKR. P/U RIH W/ BKR 8K CBP, SET CBP @ 5771', N/D BOPS, N/U FRAC VALVES, P/T CSG TO 7500#, [GOOD TEST] W/ WEATHERFORD.</p> <p>STG #2] P/U RIH W/ PERF GUN, PERF MESAVERDE USING 3-3/8 EXPEND, 0.36" HOLE, 4 SPF, 90" PH, 40 HOLES, 5731'-5741'.</p> <p>WHP=0#, BRK DN PERFS @ 2524#, INJT PSI=4596#, INJT RT=50.8, ISIP=1393#, FG=.69, PUMP'D 787 BBLS SLK WTR W/ 25164# 30/50 MESH W/ 5000# RESIN COAT IN TAIL, ISIP=1798#, FG=.76, AR=51, AP=3648#, MR=52.6, MP=6200#, NPI=405#, 25/40 CALC PERFS OPEN 63%.</p> <p>STG #3] P/U RIH W/ BKR 8K CBP & PERF GUN. SET CBP @ 5260', PERF MESAVERDE USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 4 SPF, 90" PH, 40 HOLES, 5220'-5230'.</p> <p>WHP=0#, BRK DN PERFS @ 3070#, INJT PSI=3924#, INJT RT=49.3, ISIP=1033#, FG=.64, PUMP'D 751 BBLS SLK WTR W/ 27960# 30/50 MESH, W/ 5000# RESIN COAT IN TAIL, ISIP=1574#, FG=.75, AR=49.2, AP=2958#, MR=50.0, MP=4246#, NPI=541#, 27/40 CALC PERFS OPEN.</p> <p>P/U RIH W/ BKR 8K CBP. SET CBP @ 5170' POOH R/D WEATHERFORD FRAC & CUTTERS, SWIFN.</p>
11/24/2008	SUPERVISOR: JON MILES						MD:
7:00 - 7:15		0.25	COMP	48		P	HSM, MAKING CONNECTIONS
7:15 - 23:30		16.25	COMP	44	C	P	<p>OPEN WELL 0# SICP, N/D FRAC VALVES, N/U BOPS, R/U TBG EQUIP, P/U SLIDING SLEAVE PKG W/ MILL, RIH W/ 2-3/8 J-55 TBG, TAG KILL PLUG @ 5170' P/U PWR SWWL BRK CIRC W/ AIR FOAM UNIT.</p> <p>PLUG #1] DRL THROUGH BKR 8K CBP @ 5170' IN 45 MIN. 0# INCREASE.</p> <p>PLUG #2] CONTINUE TO RIH, TAG SAND @ 5230' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 5260' IN 1 HR, LOST CIRC FOR 30 MIN, REGAIN CIRC.</p> <p>PLUG #3] CONTINUE TO RIH TAG SAND @ 5740' [31' FILL] C/O & DRL THROUGH BKR 8K CBP @ 5771' [31' FILL] 0# INCREASE.</p> <p>CONTINUE TO RIH TAG CEMENT @ 7420', C/O SAND & CEMENT FROM 7420' TO 7583' [PLUG @ 7596' DID NOT DRL UP] CIRC WELL AROUND, L/D 6 JNTS, P/U HANGER & LAND WELL W/ 233 JNTS 2-3/8 J-55 TBG EOT @ 7400'. MIRU DELSCO SLICK LINE, RIH RETRIEVE SLIDING SLEAVE, P/U RIH W/ PROTECTOR & WAS UNABLE TO SET IN SLEAVE, R/D DELSCO TURN WELL OVER TO F/B CREW.</p>

Wins No.: 77403		NBU 1022-23M		API No.: 4304736706	
11/26/2008	<u>SUPERVISOR:</u> RYAN WATKINS			<u>MD:</u>	
7:00 -		33	A	7 AM FLBK REPORT: CP 250#, TP 700#, 34/64" CK, 5 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1038 BBLS LEFT TO RECOVER: 1462	
11/27/2008	<u>SUPERVISOR:</u> RYAN WATKINS			<u>MD:</u>	
7:00 -		33	A	7 AM FLBK REPORT: CP 400#, TP 800#, 20/64" CK, 5 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1158 BBLS LEFT TO RECOVER: 1342	
11/28/2008	<u>SUPERVISOR:</u> RYAN WATKINS			<u>MD:</u>	
7:00 -		33	A	7 AM FLBK REPORT: CP 300#, TP 800#, 20/64" CK, 3 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 1230 BBLS LEFT TO RECOVER: 1270	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU01198B

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. UNIT #891008900A		
2. Name of Operator KERR-MCGEE OIL & GAS ONSHORE Mail: sheila.upchego@anadarko.com			8. Lease Name and Well No. NBU 1022-23M		
3. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078			9. API Well No. 43-047-36704		
3a. Phone No. (include area code) Ph: 435-781-7024			10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 151FSL 227FWL At top prod interval reported below SWSW 151FSL 227FWL At total depth SWSE 1512FSL 1012FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 23 T10S R22E Mer SLB		
14. Date Spudded 07/06/2006			15. Date T.D. Reached 08/29/2006		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/28/2008			17. Elevations (DF, KB, RT, GL)* 5417 GL		
18. Total Depth: MD TVD 8570		19. Plug Back T.D.: MD TVD 7420		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

23. Casing and Linc Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	14.000 STEEL	36.7		40		28			
12.250	9.625 H-40	32.3		2000		720			
7.875	4.500 I-80	11.6		8570		1474			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7400							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5220	5741	5220 TO 5741	0.360	80	OPEN
B) MESAVERDE	7538	7566	7538 TO 7566	0.360	40	OPEN
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5220 TO 5741	PMP 1538 BBLs SLICK H2O & 53,124# 30/60 OTTOWA SD
7538 TO 7566	PMP 653 BBLs SLICK H2O & 21,365# 30/60 OTTOWA SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/28/2008	11/29/2008	24	→	0.0	455.0	180.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	220	671.0	→	0	455	180		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/28/2008	11/29/2008	24	→	0.0	455.0	180.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	220	671.0	→	0	455	180		PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #66487 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED** DIV. OF OIL, GAS & MINING

RECEIVED
JAN 27 2009

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
GREEN RIVER	981				
MAHOGANY	1743				
WASATCH	4072	6263			
MESAVERDE	6437	8447			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #66487 Verified by the BLM Well Information System.
For KERR-MCGEE OIL & GAS ONSHORE L, sent to the Vernal

Name (please print) SHEILA UPCHEGO

Title OPERATIONS

Signature

(Electronic Submission)

Date 01/20/2009

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